Town: Wilton Location: Curve 4C From Mile Post: 4.8 To Mile Post: 4.97

Work Description: Shift track 6' to west

			Quantity	Amount	
New track structure	mile	\$1,100,000		\$0.00	
Realign track	mile	\$400,000	0.17	\$68,106.06	
Excavation	C.Y.	\$220	395	\$86,900.00	
Fill	C.Y.	\$190		\$0.00	
Install turnout	each	\$100,000		\$0.00	
power					
Catenary system	mile	\$1,000,000		\$0.00	
Wayside substation	each	\$4,000,000		\$0.00	
Supply substation	each	\$6,000,000		\$0.00	
RTU	each	\$500,000		\$0.00	
es					
U.G. Bridge (multi girder)	S.F.	\$2,500		\$0.00	
U.G. Bridge (through girder)	S.F.	\$2,500		\$0.00	
U.G. Bridge (through truss)	S.F.	\$6,000		\$0.00	
O.H. Roadway Bridge	S.F.	\$600		\$0.00	
Pedestrian Bridge (50')	each	\$400,000		\$0.00	
Pedestrian Bridge (100')	each	\$480,000		\$0.00	
Retaining wall	S.F.	\$140		\$0.00	
Install Signal system	mile	\$2,000,000		\$0.00	
Relocate buried cables	L.F.	\$250		\$0.00	
New at grade crossing	each	\$250,000		\$0.00	
New approach circuit	each	\$15,000		\$0.00	
Modify control center	each	\$2,000,000		\$0.00	
Install cab signals	each	\$100,000		\$0.00	
-					
High level platform	L.F.	\$17,500		\$0.00	
Surface parking	space	\$10,000		\$0.00	
Sidewalk	S.F.	\$40		\$0.00	
Driveway	S.Y.	\$100		\$0.00	
Welfare building	S.F.	\$200		\$0.00	
Relocate aerial FO cable	L.F.	\$100		\$0.00	
rs					
Relocate/raise 2 lane rural road	L.F.	\$400		\$0.00	
	25 23 25 25				
Relocate/raise I-84	L.F.	\$3,000		\$0.00	
Acquisitions					
Taking	Acre	\$500,000		\$0.00	
Construction Access	each	\$25,000		\$0.00	
				\$0.00	
	L.S.	\$0			
Cost for Work at Location =				\$155,006.06	
B			350	400 754 75	
			1.5-1.000,4300,50	ACCOUNT OF A STATE OF	
		THE RESIDENCE OF THE PERSON OF			
ncy			40%	\$62,002.42	
	Realign track Excavation Fill Install turnout power Catenary system Wayside substation Supply substation RTU  SS U.G. Bridge (multi girder) U.G. Bridge (through girder) U.G. Bridge (through truss) O.H. Roadway Bridge Pedestrian Bridge (50') Pedestrian Bridge (100') Retaining wall  Install Signal system Relocate buried cables New at grade crossing New approach circuit Modify control center Install cab signals  High level platform Surface parking Sidewalk Driveway  Welfare building  Relocate aerial FO cable (S) Relocate/raise 2 lane rural road Relocate/raise 1-84  Acquisitions Taking	Realign track Excavation Fill C.Y. Install turnout  power Catenary system Wayside substation Supply substation RTU  ss U.G. Bridge (multi girder) U.G. Bridge (through girder) U.G. Bridge (through truss) O.H. Roadway Bridge Pedestrian Bridge (50') Pedestrian Bridge (100') Retaining wall S.F.  Install Signal system Relocate buried cables New at grade crossing New approach circuit Modify control center Install cab signals Relocate parking Sidewalk Driveway S.Y.  Relocate/raise 2 lane rural roac Relocate/raise 2 lane rural roac Relocate/raise 1-84 Acquisitions Taking Construction Access Rental Mitigation  Cost for Work at Location =  Permits Als ction  Mile C.Y. C.Y.  mile Relocate Act. S.F. C.F. C.F. C.F. C.F. C.F. C.F. C.F	Realign track	Realign track	Realign track

Location: Curve 5 From Mile Post: 5.75 To Mile Post: 5.83

Work Description: shift track 1' to west

	ltem	Unit	Unit Cost	Quantity	Amount	
Track				•		
Berthard Land	New track structure	mile	\$1,100,000		\$0.00	
	Realign track	mile	\$400,000	0.09	\$34,090.91	
	Excavation	C.Y.	\$220		\$0.00	
	Fill	C.Y.	\$190		\$0.00	
	Install turnout	each	\$100,000		\$0.00	
Traction	power					
	Catenary system	mile	\$1,000,000		\$0.00	
	Wayside substation	each	\$4,000,000		\$0.00	
	Supply substation	each	\$6,000,000		\$0.00	
	RTU	each	\$500,000		\$0.00	
Structure	es					
	U.G. Bridge (multi girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through truss)	S.F.	\$6,000		\$0.00	
	O.H. Roadway Bridge	S.F.	\$600		\$0.00	
	Pedestrian Bridge (50')	each	\$400,000		\$0.00	
	Pedestrian Bridge (100')	each	\$480,000		\$0.00	
	Retaining wall	S.F.	\$140		\$0.00	
C&S						
	Install Signal system	mile	\$2,000,000		\$0.00	
	Relocate buried cables	L.F.	\$250		\$0.00	
	New at grade crossing	each	\$250,000		\$0.00	
	New approach circuit	each	\$15,000		\$0.00	
	Modify control center	each	\$2,000,000		\$0.00	
	Install cab signals	each	\$100,000		\$0.00	
Stations						
	High level platform	L.F.	\$17,500		\$0.00	
	Surface parking	space	\$10,000		\$0.00	
	Sidewalk	S.F.	\$40		\$0.00	
	Driveway	S.Y.	\$100		\$0.00	
Yard			157			
	Welfare building	S.F.	\$200		\$0.00	
Utilities						
	Relocate aerial FO cable	L.F.	\$100		\$0.00	
Roadway	rs					
	Relocate/raise 2 lane rural road	L.F.	\$400		\$0.00	
			10-27-23		0.00	
	Relocate/raise I-84	L.F.	\$3,000		\$0.00	
Property	Acquisitions					
	Taking	Acre	\$500,000		\$0.00	
	Construction Access	each	\$25,000		\$0.00	
Environn	nental Mitigation		=		\$0.00	
	540	L.S.	\$0			
Subtotal	Cost for Work at Location =				\$34,090.91	
Design &	Permits			25%	\$8,522.73	
				23%	\$7,840.91	
Incidentals RR Protection					\$10,227.27	
Contingency					\$13,636.36	
contange	incy			40%	Ģ13,030.30	
Total Cos	t for Work at Location =				\$74,318.18	

Town: Wilton Location: Curve 6A From Mile Post: 6.07 To Mile Post: 6.24

Work Description: shift track 2' to west including new crossing at Kent Rd.

	ltem	Unit	Unit Cost	Quantity	Amount	
Track			2.3022.00-2.00			
	New track structure	mile	\$1,100,000		\$0.00	
	Realign track	mile	\$400,000	0.17	\$68,863.64	
	Excavation	C.Y.	\$220		\$0.00	
	Fill	C.Y.	\$190		\$0.00	
	Install turnout	each	\$100,000		\$0.00	
Traction	power					
	Catenary system	mile	\$1,000,000		\$0.00	
	Wayside substation	each	\$4,000,000		\$0.00	
	Supply substation	each	\$6,000,000		\$0.00	
	RTU	each	\$500,000		\$0.00	
Structure	es	Property American				
	U.G. Bridge (multi girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through truss)	S.F.	\$6,000		\$0.00	
	O.H. Roadway Bridge	S.F.	\$600		\$0.00	
	Pedestrian Bridge (50')	each	\$400,000		\$0.00	
	Pedestrian Bridge (100')	each	\$480,000		\$0.00	
	Retaining wall	S.F.	\$140		\$0.00	
C&S						
	Install Signal system	mile	\$2,000,000		\$0.00	
	Relocate buried cables	L.F.	\$250		\$0.00	
	New at grade crossing	each	\$250,000	1	\$250,000.00	
	New approach circuit	each	\$15,000		\$0.00	
	Modify control center	each	\$2,000,000		\$0.00	
	Install cab signals	each	\$100,000		\$0.00	
Stations						
	45 10 - 4 5 - 4 5 - 5 - 5					
	High level platform	L.F.	\$17,500		\$0.00	
	Surface parking	space	\$10,000		\$0.00	
	Sidewalk	S.F.	\$40		\$0.00	
	Driveway	S.Y.	\$100		\$0.00	
Yard						
	Welfare building	S.F.	\$200		\$0.00	
Utilities						
			vo.			
	Relocate aerial FO cable	L.F.	\$100		\$0.00	
Roadway	s					
	Relocate/raise 2 lane rural road	L.F.	\$400		\$0.00	
	Relocate/raise I-84	L.F.	\$3,000		\$0.00	
Property	Acquisitions		30200			
	Taking	Acre	\$500,000		\$0.00	
	Construction Access	each	\$25,000		\$0.00	
Environn	nental Mitigation		90		\$0.00	
		L.S.	\$0			
Subtotal	Cost for Work at Location =				\$318,863.64	
Design &	Dermits			25%	\$79,715.91	_
				23%	Action of the second of the se	
Incidentals					\$73,338.64	
RR Protection Contingency					\$95,659.09	
continge	псу			40%	\$127,545.45	
	t for Work at Location =				\$695,122.73	_

State Project Number: 302-008

Town: Wilton Location: Cuver 6B From Mile Post: 6.53 To Mile Post: 6.68

Work Description: shift track 3' to east, impacts UG bridge 6.64

	Item	Unit	Unit Cost	Quantity	Amount	
Track			Section Control			
	New track structure	mile	\$1,100,000		\$0.00	
	Realign track	mile	\$400,000	0.15	\$61,060.61	
	Excavation	C.Y.	\$220		\$0.00	
	Fill	C.Y.	\$190	510	\$96,900.00	
	Install turnout	each	\$100,000		\$0.00	
Traction	power					
	Catenary system	mile	\$1,000,000		\$0.00	
	Wayside substation	each	\$4,000,000		\$0.00	
	Supply substation	each	\$6,000,000		\$0.00	
	RTU	each	\$500,000	6 47	\$0.00	
Structur	es					
	U.G. Bridge (multi girder)	S.F.	\$2,500	000000	\$0.00	
	U.G. Bridge (through girder)	S.F.	\$2,500	1300	\$3,250,000.00	
	U.G. Bridge (through truss)	S.F.	\$6,000		\$0.00	
	O.H. Roadway Bridge	S.F.	\$600		\$0.00	
	Pedestrian Bridge (50')	each	\$400,000		\$0.00	
	Pedestrian Bridge (100')	each	\$480,000		\$0.00	
	Retaining wall	S.F.	\$140		\$0.00	
C&S						
	Install Signal system	mile	\$2,000,000		\$0.00	
	Relocate buried cables	L.F.	\$250	800	\$200,000.00	
	New at grade crossing	each	\$250,000		\$0.00	
	New approach circuit	each	\$15,000		\$0.00	
	Modify control center	each	\$2,000,000		\$0.00	
	Install cab signals	each	\$100,000	E	\$0.00	
Stations						
	High level platform	L.F.	\$17,500		\$0.00	
	Surface parking	space	\$10,000		\$0.00	
	Sidewalk	S.F.	\$40		\$0.00	
	Driveway	S.Y.	\$100		\$0.00	
Yard	<u> </u>					
	Welfare building	S.F.	\$200		\$0.00	
Utilities						
	Relocate aerial FO cable	L.F.	\$100		\$0.00	
Roadwa	ys					
	Relocate/raise 2 lane rural road	L.F.	\$400		\$0.00	
	Relocate/raise I-84	L.F.	\$3,000		\$0.00	
Property	Acquisitions					
	Taking	Acre	\$500,000		\$0.00	
	Construction Access	each	\$25,000		\$0.00	
Environr	nental Mitigation				\$0.00	
V 2 2 2 2 2 2 2		L.S.	\$0			
Subtotal	Cost for Work at Location =				\$3,607,960.61	
Docier 0	Permits			25%	\$901,990.15	
				12(1)	A CAN CANCER CONTRACTOR CONTRACTO	
Incidentals				23%	\$829,830.94	
RR Protection Contingency				30%	\$1,082,388.18	
Continge	ency			40%	\$1,443,184.24	

State Project Number: 302-008

Town: Wilton Location: Curves 7E & 8 From Mile Post: 7.71 To Mile Post: 8.47

Work Description: shift track 8' to west at curve 7E and 1' east at curve 8 and between curves. Requires a wider opening under the OH bridge 7.87 and lengthening approach circuits for Cannon Rd.

	Item	Unit	Unit Cost	Quantity	Amount	
Track						
	New track structure	mile	\$1,100,000		\$0.00	
	Realign track	mile	\$400,000	0.76	\$303,257.58	
	Excavation	C.Y.	\$220		\$0.00	
	Fill	C.Y.	\$190	50	\$9,500.00	
	Install turnout	each	\$100,000		\$0.00	
Traction	power					
	Catenary system	mile	\$1,000,000		\$0.00	
	Wayside substation	each	\$4,000,000		\$0.00	
	Supply substation	each	\$6,000,000		\$0.00	
	RTU	each	\$500,000		\$0.00	
Structur		X0000000	Olio append		0.200000	
	U.G. Bridge (multi girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through truss)	S.F.	\$6,000		\$0.00	
	O.H. Roadway Bridge	S.F.	\$600	3360	\$2,016,000.00	
	Pedestrian Bridge (50')	each	\$400,000		\$0.00	
	Pedestrian Bridge (100')	each	\$480,000		\$0.00	
	Retaining wall	S.F.	\$140		\$0.00	
C&S		0.000	nativativa producer in control of the state of the		M Description of	
	Install Signal system	mile	\$2,000,000		\$0.00	
	Relocate buried cables	L.F.	\$250		\$0.00	
	New at grade crossing	each	\$250,000		\$0.00	
	New approach circuit	each	\$15,000	2	\$30,000.00	
	Modify control center	each	\$2,000,000		\$0.00	
	Install cab signals	each	\$100,000		\$0.00	
Stations						
		40.00			Charge against	
	High level platform	L.F.	\$17,500		\$0.00	
	Surface parking	space	\$10,000		\$0.00	
	Sidewalk	S.F.	\$40		\$0.00	
	Driveway	S.Y.	\$100		\$0.00	
Yard	000 12 00 1 00 W					
	Welfare building	S.F.	\$200	1	\$0.00	
Utilities						
			4		****	
	Relocate aerial FO cable	L.F.	\$100		\$0.00	
Roadwa		1 -	6400		40.00	
	Relocate/raise 2 lane rural road	L.F.	\$400		\$0.00	
	Delegate /miss L 04	1.5	ć2.000		¢0.00	
Dune	Relocate/raise I-84	L.F.	\$3,000	-	\$0.00	
rroperty	Acquisitions	A =	¢500,000		¢0.00	
	Taking	Acre	\$500,000		\$0.00	
Envil	Construction Access	each	\$25,000	<del>                                     </del>	\$0.00	
Environi	mental Mitigation	1.5	40		\$0.00	
Cooker a 1	Continuitation in the	L.S.	\$0		62.250.757.50	
Subtotal	Cost for Work at Location =				\$2,358,757.58	
Design 8	Permits			25%	\$589,689.39	
Incident				23%	\$542,514.24	
RR Protection					\$707,627.27	
Continge	ency			30% 40%	\$943,503.03	
					A	
Total Co	st for Work at Location =				\$5,142,091.52	

Town: Wilton Location: Curve 9C From Mile Post: 9.53 To Mile Post: 9.84

 $Work\ Description:\ New\ track\ alignment\ requires\ lengthening\ approach\ circuits\ at\ Honey\ Hill\ \&\ Seely\ Rds.$ 

0	Item	Unit	Unit Cost	Quantity	Amount			
Track			AMAN AND AND AND AND AND AND AND AND AND A					
	New track structure	mile	\$1,100,000	0.31	\$341,000.00			
	Realign track	mile	\$400,000		\$0.00			
	Excavation	C.Y.	\$220	Same Same	\$0.00			
	Fill	C.Y.	\$190	1265	\$240,350.00			
	Install turnout	each	\$100,000		\$0.00			
Traction	power				- Para			
	Catenary system	mile	\$1,000,000		\$0.00			
	Wayside substation	each	\$4,000,000		\$0.00			
	Supply substation	each	\$6,000,000		\$0.00			
	RTU	each	\$500,000		\$0.00			
Structur			P-94 - A 500000		400000			
	U.G. Bridge (multi girder)	S.F.	\$2,500		\$0.00			
	U.G. Bridge (through girder)	S.F.	\$2,500		\$0.00			
	U.G. Bridge (through truss)	S.F.	\$6,000		\$0.00			
	O.H. Roadway Bridge	S.F.	\$600		\$0.00			
	Pedestrian Bridge (50')	each	\$400,000		\$0.00			
	Pedestrian Bridge (100')	each	\$480,000		\$0.00			
	Retaining wall	S.F.	\$140		\$0.00			
C&S					3 NOVE TO 10 NOVE TO 1			
	Install Signal system	mile	\$2,000,000		\$0.00			
	Relocate buried cables	L.F.	\$250	1700	\$425,000.00			
	New at grade crossing	each	\$250,000		\$0.00			
	New approach circuit	each	\$15,000	4	\$60,000.00			
	Modify control center	each	\$2,000,000		\$0.00			
	Install cab signals	each	\$100,000		\$0.00			
Stations								
	DESCRIPTION OF THE PROPERTY OF		Section 19					
	High level platform	L.F.	\$17,500		\$0.00			
	Surface parking	space	\$10,000		\$0.00			
	Sidewalk	S.F.	\$40		\$0.00			
	Driveway	S.Y.	\$100		\$0.00			
Yard								
	Welfare building	S.F.	\$200		\$0.00			
Utilities								
					AND THE RESERVE OF THE PERSON			
	Relocate aerial FO cable	L.F.	\$100	1700	\$170,000.00			
Roadwa					1000			
	Relocate/raise 2 lane rural road	L.F.	\$400		\$0.00			
	1555 - An		0281 2788		DB-CO TATAL			
Days	Relocate/raise I-84	L.F.	\$3,000		\$0.00			
Property	Acquisitions			220000				
	Taking	Acre	\$500,000	0.5	\$250,000.00			
	Construction Access	each	\$25,000		\$0.00			
Environr	mental Mitigation		4.5		\$0.00			
		L.S.	\$0					
Subtotal	Cost for Work at Location =				\$1,486,350.00			
Design 8	R Permits			25%	\$371,587.50			
Incident				23%	\$341,860.50			
RR Protection				30%	\$445,905.00			
Continge		40%	\$594,540.00					
	ondingency 40% \$354,340.00							
<b>Total Co</b>	st for Work at Location =				\$3,240,243.00			

Town: Wilton

Location: Curves 10B & 11A From Mile Post: 11 To Mile Post: 11.47

Item	Unit	Unit Cost	Quantity	Amount							
Track				/05580/J05810X-T							
New track structure	mile	\$1,100,000	0.49	\$539,000.00							
Realign track	mile	\$400,000		\$0.00							
Excavation	C.Y.	\$220	3935	\$865,700.00							
Fill	C.Y.	\$190	6155	\$1,169,450.00							
Install turnout	each	\$100,000		\$0.00							
Traction power	400000000000000000000000000000000000000										
Catenary system	mile	\$1,000,000		\$0.00							
Wayside substation	each	\$4,000,000		\$0.00							
Supply substation	each	\$6,000,000		\$0.00							
RTU	each	\$500,000		\$0.00							
Structures											
U.G. Bridge (multi girder)	S.F.	\$2,500		\$0.00							
U.G. Bridge (through girder)	S.F.	\$2,500	612	\$1,530,000.00							
U.G. Bridge (through truss)	S.F.	\$6,000		\$0.00							
O.H. Roadway Bridge	S.F.	\$600		\$0.00							
Pedestrian Bridge (50')	each	\$400,000		\$0.00							
Pedestrian Bridge (100')	each	\$480,000		\$0.00							
Retaining wall	S.F.	\$140	13820	\$1,934,800.00							
C&S											
Install Signal system	mile	\$2,000,000		\$0.00							
Relocate buried cables	L.F.	\$250	1000	\$250,000.00							
New at grade crossing	each	\$250,000	F 5-47 (4 C-57 (4 )	\$0.00							
New approach circuit	each	\$15,000		\$0.00							
Modify control center	each	\$2,000,000		\$0.00							
Install cab signals	each	\$100,000		\$0.00							
Stations											
High level platform	L.F.	\$17,500		\$0.00							
Surface parking	space	\$10,000		\$0.00							
Sidewalk	S.F.	\$40		\$0.00							
Driveway	S.Y.	\$100		\$0.00							
Yard											
Welfare building	S.F.	\$200		\$0.00							
Utilities											
Relocate aerial FO cable	L.F.	\$100	1000	\$100,000.00							
Roadways											
Relocate/raise 2 lane rural road	L.F.	\$400		\$0.00							
		44									
Relocate/raise I-84	L.F.	\$3,000		\$0.00							
Property Acquisitions		5.									
Taking	Acre	\$500,000	0.14	\$70,000.00							
Construction Access	each	\$25,000		\$0.00							
Environmental Mitigation				\$0.00							
	L.S.	\$0									
Subtotal Cost for Work at Location =				\$6,458,950.00							
				\$1.00 (min 10.00 pp. 10.00							
Design & Permits			25%	\$1,614,737.50							
Incidentals				\$1,485,558.50							
RR Protection	23% 30%	\$1,937,685.00									
Contingency	40%	\$2,583,580.00									
Eur-Tir	72,500,500,00										
Total Cost for Work at Location =				\$14,080,511.00							
				otal Cost for Work at Location = \$14,080,511.00							

State Project Number: 302-008

Town: Wilton Location: Curve 12A From Mile Post: 12.21 To Mile Post: 12.33

Work Description: New track alignment, lengthening approach circuits for N. Main St., Portland Ave (NB), and Depot Rd.

(NB) are required

	Item	Unit	Unit Cost	Quantity	Amount	
Track			Water to State of the			
	New track structure	mile	\$1,100,000	0.12	\$133,125.00	
	Realign track	mile	\$400,000		\$0.00	
	Excavation	C.Y.	\$220	330	\$72,600.00	
	Fill	C.Y.	\$190		\$0.00	
	Install turnout	each	\$100,000		\$0.00	
Traction	power		AND DESCRIPTION OF			
	Catenary system	mile	\$1,000,000		\$0.00	
	Wayside substation	each	\$4,000,000		\$0.00	
	Supply substation	each	\$6,000,000		\$0.00	
	RTU	each	\$500,000		\$0.00	
Structure						
	U.G. Bridge (multi girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through truss)	S.F.	\$6,000		\$0.00	
	O.H. Roadway Bridge	S.F.	\$600		\$0.00	
	Pedestrian Bridge (50')	each	\$400,000		\$0.00	
	Pedestrian Bridge (100')	each	\$480,000		\$0.00	
	Retaining wall	S.F.	\$140		\$0.00	
C&S	-22					
	Install Signal system	mile	\$2,000,000		\$0.00	
	Relocate buried cables	L.F.	\$250		\$0.00	
	New at grade crossing	each	\$250,000		\$0.00	
	New approach circuit	each	\$15,000	4	\$60,000.00	
	Modify control center	each	\$2,000,000		\$0.00	
	Install cab signals	each	\$100,000		\$0.00	
Stations						
	7800 PM III 18 18 18 18		A Company of the Comp			
	High level platform	L.F.	\$17,500		\$0.00	
	Surface parking	space	\$10,000		\$0.00	
	Sidewalk	S.F.	\$40		\$0.00	
	Driveway	S.Y.	\$100		\$0.00	
Yard			24			
	Welfare building	S.F.	\$200		\$0.00	
Utilities						
			120			
9445	Relocate aerial FO cable	L.F.	\$100		\$0.00	
Roadway	Property of the company of the compa		1400			
	Relocate/raise 2 lane rural road	L.F.	\$400		\$0.00	
	and the second	N 166	10			
	Relocate/raise I-84	L.F.	\$3,000		\$0.00	
Property	Acquisitions	2				
	Taking	Acre	\$500,000		\$0.00	
	Construction Access	each	\$25,000		\$0.00	
Environn	nental Mitigation	L.S.	\$0		\$0.00	
Subtotal	Cost for Work at Location =	L.J.	, <del>,</del> 0		\$265,725.00	
Design &	Permits			25%	\$66,431.25	
Incidenta	als			23%	\$61,116.75	
RR Protection				30%	\$79,717.50	
Contingency					\$106,290.00	
Total Cod	st for Work at Location =				\$579,280.50	
. otal cos	WOIN WE LOCATION -				Ç373,200.30	

# Project: Danbury Branch Improvement Program State Project Number: 302-008 Town: Wil/Ridg

Location: Curve 12B From Mile Post: 12.42 To Mile Post: 12.57

Work Description: shift track 8' east, relocation of Portland Ave required

	ltem	Unit	Unit Cost	Quantity	Amount			
Track								
	New track structure	mile	\$1,100,000		\$0.00			
	Realign track	mile	\$400,000	0.15	\$59,621.21			
	Excavation	C.Y.	\$220	615	\$135,300.00			
	Fill	C.Y.	\$190		\$0.00			
	Install turnout	each	\$100,000		\$0.00			
Traction	power							
	Catenary system	mile	\$1,000,000		\$0.00			
	Wayside substation	each	\$4,000,000		\$0.00			
	Supply substation	each	\$6,000,000		\$0.00			
	RTU	each	\$500,000		\$0.00			
Structure	DAMESTA CONTROL OF THE CONTROL OF TH		49 <b>2</b> 000 COMMONS					
	U.G. Bridge (multi girder)	S.F.	\$2,500		\$0.00			
	U.G. Bridge (through girder)	S.F.	\$2,500		\$0.00			
	U.G. Bridge (through truss)	S.F.	\$6,000		\$0.00			
	O.H. Roadway Bridge	S.F.	\$600		\$0.00			
	Pedestrian Bridge (50')	each	\$400,000		\$0.00			
	Pedestrian Bridge (100')	each	\$480,000		\$0.00			
	Retaining wall	S.F.	\$140	3220	\$450,800.00			
C&S								
	Install Signal system	mile	\$2,000,000		\$0.00			
	Relocate buried cables	L.F.	\$250		\$0.00			
	New at grade crossing	each	\$250,000		\$0.00			
	New approach circuit	each	\$15,000		\$0.00			
	Modify control center	each	\$2,000,000		\$0.00			
	Install cab signals	each	\$100,000		\$0.00			
Stations								
	High level platform	L.F.	\$17,500		\$0.00			
	Surface parking	space	\$10,000		\$0.00			
	Sidewalk	S.F.	\$40		\$0.00			
	Driveway	S.Y.	\$100	E	\$0.00			
Yard								
	Welfare building	S.F.	\$200		\$0.00			
Utilities								
			70					
	Relocate aerial FO cable	L.F.	\$100		\$0.00			
Roadway	/s			_M16000100				
	Relocate/raise 2 lane rural road	L.F.	\$400	400	\$160,000.00			
			2000-20-00					
	Relocate/raise I-84	L.F.	\$3,000		\$0.00			
Property	Acquisitions		107111111111111111111111111111111111111	50,100,000.000				
	Taking	Acre	\$500,000	0.34	\$170,000.00			
	Construction Access	each	\$25,000		\$0.00			
Environn	nental Mitigation	1.0	ćo		\$0.00			
C. L '	C-46	L.S.	\$0		A075 704 04			
Subtotal Cost for Work at Location =					\$975,721.21			
Design &	Permits			25%	\$243,930.30			
Incidenta				23%	\$224,415.88			
RR Protection					\$292,716.36			
Continge		30% 40%	\$390,288.48					
	2011ungency 40% 5390,288.48							
Total Cos	st for Work at Location =				\$2,127,072.24			

Project: Danbury Branch Improvement Program State Project Number: 302-008 Town: Redding

Location: Curve 13B From Mile Post: 13.25 To Mile Post: 13.4

	Item	Unit	Unit Cost	Quantity	Amount	
Track					Autonomona N. P	
	New track structure	mile	\$1,100,000	0.15	\$165,833.33	
	Realign track	mile	\$400,000		\$0.00	
	Excavation	C.Y.	\$220	1595	\$350,900.00	
	Fill	C.Y.	\$190	020489645	\$0.00	
	Install turnout	each	\$100,000	1 1	\$0.00	
Traction	power				7- <b>1</b> (10-10-10-10-10-10-10-10-10-10-10-10-10-1	
	Catenary system	mile	\$1,000,000	1 1	\$0.00	
	Wayside substation	each	\$4,000,000	1 1	\$0.00	
	Supply substation	each	\$6,000,000	1 1	\$0.00	
	RTU	each	\$500,000		\$0.00	
Structure	es					
	U.G. Bridge (multi girder)	S.F.	\$2,500	1 1	\$0.00	
	U.G. Bridge (through girder)	S.F.	\$2,500	1 1	\$0.00	
	U.G. Bridge (through truss)	S.F.	\$6,000	1 1	\$0.00	
	O.H. Roadway Bridge	S.F.	\$600	1 1	\$0.00	
	Pedestrian Bridge (50')	each	\$400,000		\$0.00	
	Pedestrian Bridge (100')	each	\$480,000		\$0.00	
	Retaining wall	S.F.	\$140	3924	\$549,360.00	
C&S						
	Install Signal system	mile	\$2,000,000	1 1	\$0.00	
	Relocate buried cables	L.F.	\$250	800	\$200,000.00	
	New at grade crossing	each	\$250,000	1 1	\$0.00	
	New approach circuit	each	\$15,000	1 1	\$0.00	
	Modify control center	each	\$2,000,000	1 1	\$0.00	
	Install cab signals	each	\$100,000		\$0.00	
Stations				1 1		
	2000	- A	V. 2008/CO. (000/00.290)	1 1	to Observations	
	High level platform	L.F.	\$17,500	1 1	\$0.00	
	Surface parking	space	\$10,000	1 1	\$0.00	
	Sidewalk	S.F.	\$40	1 1	\$0.00	
NO. 10	Driveway	S.Y.	\$100	1	\$0.00	
Yard		2.2	4	1 1	(2)	
	Welfare building	S.F.	\$200		\$0.00	
Utilities						
			44.00			
	Relocate aerial FO cable	L.F.	\$100	800	\$80,000.00	
Roadwa		. =	6400		40.00	
	Relocate/raise 2 lane rural road	L.F.	\$400		\$0.00	
	D 1		<b>42.555</b>			
D	Relocate/raise I-84	L.F.	\$3,000	+	\$0.00	
Property	Acquisitions	A	ĆE00 000		ć0.00	
	Taking	Acre	\$500,000		\$0.00	
F	Construction Access	each	\$25,000	+	\$0.00	
Environr	nental Mitigation	1.5	60		\$0.00	
CL.4 - 4 - 1	C+ f M(	L.S.	\$0	+	61 246 002 22	
Subtotal	Cost for Work at Location =				\$1,346,093.33	
Design 8	Permits			25%	\$336,523.33	
Incident				23%	\$309,601.47	
RR Protection				30%	\$403,828.00	
Continge	ency		40%	\$538,437.33		
	Section 1995 Property Designation 1995			,		
Total Co	st for Work at Location =				\$2,934,483.47	

Town: Redding Location: Curve 13C From Mile Post: 13.46 To Mile Post: 13.59

Work Description: shift track 8' to west

	Item	Unit	Unit Cost	Quantity	Amount	
Track						
	New track structure	mile	\$1,100,000		\$0.00	
	Realign track	mile	\$400,000	0.12	\$48,484.85	
	Excavation	C.Y.	\$220	ja.ag.mmas	\$0.00	
	Fill	C.Y.	\$190	175	\$33,250.00	
	Install turnout	each	\$100,000		\$0.00	
Traction			<b>4</b> 233/333		¥ 5.55	
	Catenary system	mile	\$1,000,000		\$0.00	
	Wayside substation	each	\$4,000,000		\$0.00	
	Supply substation	each	\$6,000,000		\$0.00	
	RTU	each	\$500,000		\$0.00	
Structure		Cucii	\$555,555	<del>                                     </del>	90.00	
ou actur.	U.G. Bridge (multi girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through truss)	S.F.	\$6,000	1 1	\$0.00	
	O.H. Roadway Bridge	S.F.	\$600		\$0.00	
	Pedestrian Bridge (50')	each	\$400,000		\$0.00	
	Pedestrian Bridge (100')	each	\$480,000		\$0.00	
	Retaining wall	S.F.	\$480,000 \$140		\$0.00	
C&S	Ketalillig Wall	J.F.	Ş140	<del>                                     </del>	Ş0.00	
cus	Install Signal system	mile	\$2,000,000		\$0.00	
	Relocate buried cables	L.F.	\$2,000,000		\$0.00	
	New at grade crossing	each	\$250,000		\$0.00	
	사용 (1980년 제 사류) - 100 전 (1980년 1980년 1 - 1980년					
	New approach circuit	each	\$15,000		\$0.00	
	Modify control center	each	\$2,000,000		\$0.00	
Stations	Install cab signals	each	\$100,000	<del>                                     </del>	\$0.00	
Stations						
	High lavel sladforms		617 500		60.00	
	High level platform	L.F.	\$17,500		\$0.00	
	Surface parking	space	\$10,000		\$0.00	
	Sidewalk	S.F.	\$40		\$0.00	
	Driveway	S.Y.	\$100	-	\$0.00	
Yard			4000		****	
l latiliat	Welfare building	S.F.	\$200	-	\$0.00	
Utilities						
	Releasts social FO cable		ć100		60.00	
D I	Relocate aerial FO cable	L.F.	\$100	$\vdash$	\$0.00	
Roadway	Property and the control of the cont	1.5	Ć400		60.00	
	Relocate/raise 2 lane rural road	L.F.	\$400		\$0.00	
	B-1		ć2.000		60.00	
D .	Relocate/raise I-84	L.F.	\$3,000	$\vdash$	\$0.00	
Property	Acquisitions	A	ĆE00 000		60.60	
	Taking	Acre	\$500,000		\$0.00	
	Construction Access	each	\$25,000		\$0.00	
Environn	nental Mitigation	L.S.	\$0		\$0.00	
Subtotal	Cost for Work at Location =	L.J.	ŞU	<del>                                     </del>	\$81,734.85	
Sabestal Soft for Work at Location -					901,754.05	
Design &	Permits			25%	\$20,433.71	
Incidentals					\$18,799.02	
RR Protection					\$24,520.45	
Contingency					\$32,693.94	
	2					
Total Cos	st for Work at Location =				\$178,181.97	

Project: Danbury Branch Improvement Program State Project Number: 302-008 Town: Redding

Location: Curve 13D From Mile Post: 13.63 To Mile Post: 13.7

Work Description: shift track 1' east

	Item	Unit	Unit Cost	Quantity	Amount	
Track						
	New track structure	mile	\$1,100,000		\$0.00	
	Realign track	mile	\$400,000	0.06	\$25,757.58	
	Excavation	C.Y.	\$220		\$0.00	
	Fill	C.Y.	\$190		\$0.00	
	Install turnout	each	\$100,000		\$0.00	
Traction	power					
	Catenary system	mile	\$1,000,000		\$0.00	
	Wayside substation	each	\$4,000,000		\$0.00	
	Supply substation	each	\$6,000,000		\$0.00	
	RTU	each	\$500,000		\$0.00	
Structure			,,		F	
	U.G. Bridge (multi girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through truss)	S.F.	\$6,000		\$0.00	
	O.H. Roadway Bridge	S.F.	\$600		\$0.00	
	Pedestrian Bridge (50')	each	\$400,000		\$0.00	
	Pedestrian Bridge (100')	each	\$480,000		\$0.00	
	Retaining wall	S.F.	\$480,000		\$0.00	
C&S	Retailing wan	3.1.	3140		30.00	
Cas	Install Signal system	mile	\$2,000,000		60.00	
					\$0.00	
	Relocate buried cables	L.F.	\$250		\$0.00	
	New at grade crossing	each	\$250,000		\$0.00	
	New approach circuit	each	\$15,000		\$0.00	
	Modify control center	each	\$2,000,000		\$0.00	
	Install cab signals	each	\$100,000		\$0.00	
Stations						
	10.11.	272	447 500			
	High level platform	L.F.	\$17,500		\$0.00	
	Surface parking	space	\$10,000		\$0.00	
	Sidewalk	S.F.	\$40		\$0.00	
	Driveway	S.Y.	\$100		\$0.00	
Yard						
	Welfare building	S.F.	\$200		\$0.00	
Utilities						
		15002	4		120.00	
	Relocate aerial FO cable	L.F.	\$100		\$0.00	
Roadway	Mariana and the second	3 <u>5</u> 05 <u>2</u> 0	4.2			
	Relocate/raise 2 lane rural road	L.F.	\$400		\$0.00	
		-2 -22			2.00	
	Relocate/raise I-84	L.F.	\$3,000		\$0.00	
Property	Acquisitions	12/07/2004			S. P. Walter	
	Taking	Acre	\$500,000		\$0.00	
	Construction Access	each	\$25,000		\$0.00	
Environn	nental Mitigation				\$0.00	
		L.S.	\$0			
Subtotal Cost for Work at Location =					\$25,757.58	
Design &	Permits			25%	\$6,439.39	
Design & Permits Incidentals					\$5,924.24	
RR Protection					\$7,727.27	
Contingency					\$10,303.03	
Continge	arcy			40%	\$10,505.05	
Total Co	st for Work at Location =				\$56,151.52	l
OLAI COS	SETUT WORK AL LUCATION =				930,131.5Z	

State Project Number: 302-008 Town: Redding

Town: Redding Location: Curve 14 A From Mile Post: 13.97 To Mile Post: 14.1

Item		Unit	Unit Cost	Quantity	Amount	
Track						
	New track structure	mile	\$1,100,000	0.13	\$139,375.00	
	Realign track	mile	\$400,000		\$0.00	
	Excavation	C.Y.	\$220	2145	\$471,900.00	
	Fill	C.Y.	\$190		\$0.00	
	Install turnout	each	\$100,000		\$0.00	
Traction	The state of the s		<b>7</b>		72.22	
	Catenary system	mile	\$1,000,000		\$0.00	
	Wayside substation	each	\$4,000,000		\$0.00	
	Supply substation	each	\$6,000,000		\$0.00	
	RTU	each	\$500,000		\$0.00	
Structur			,,			
	U.G. Bridge (multi girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through truss)	S.F.	\$6,000		\$0.00	
	O.H. Roadway Bridge	S.F.	\$600		\$0.00	
	Pedestrian Bridge (50')	each	\$400,000		\$0.00	
	Pedestrian Bridge (100')	each	\$480,000		\$0.00	
	Retaining wall	S.F.	\$480,000	4305	\$602,700.00	
C&S	Verailling Mail	э.г.	Ş14U	4503	3002,700.00	
COCS	Install Signal system	mile	\$2,000,000		\$0.00	
	Relocate buried cables		The second second second	700		
	Children and control of a sold or same a sea of the same	L.F.	\$250	700	\$175,000.00	
	New at grade crossing	each	\$250,000		\$0.00	
	New approach circuit	each	\$15,000		\$0.00	
	Modify control center	each	\$2,000,000		\$0.00	
	Install cab signals	each	\$100,000		\$0.00	
Stations						
		g <u>(20</u>	212 200		Name of the last	
	High level platform	L.F.	\$17,500		\$0.00	
	Surface parking	space	\$10,000		\$0.00	
	Sidewalk	S.F.	\$40		\$0.00	
	Driveway	S.Y.	\$100		\$0.00	
Yard					200200000000000000000000000000000000000	
	Welfare building	S.F.	\$200		\$0.00	
Utilities						
			100		W0.00117.40000.b	
	Relocate aerial FO cable	L.F.	\$100		\$0.00	
Roadwa	The same of the sa		A154 A60000000		Order size or Louis	
	Relocate/raise 2 lane rural road	L.F.	\$400		\$0.00	
	eer will be book to		CS-27 17-00/05/		100	
	Relocate/raise I-84	L.F.	\$3,000		\$0.00	
Property	y Acquisitions					
	Taking	Acre	\$500,000		\$0.00	
	Construction Access	each	\$25,000		\$0.00	
Environ	mental Mitigation				\$0.00	
		L.S.	\$0			
Subtotal Cost for Work at Location =					\$1,388,975.00	
Decian C	& Permits			25%	\$347,243.75	
Incident						
				23%	\$319,464.25	
RR Prote				30%	\$416,692.50	
Continge	ency			40%	\$555,590.00	
Total Co	st for Work at Location =				\$3,027,965.50	
i otal CU	SCIOI VIOIR AL LOCALIOII -				93,027,303.30	

State Project Number: 302-008

Town: Redding

Location: Curves 14B-D & 15A From Mile Post: 14.42 To Mile Post: 15.14

	ltem	Unit	Unit Cost	Quantity	Amount	
Track						
215 61/476	New track structure	mile	\$1,100,000	0.90	\$989,375.00	
	Realign track	mile	\$400,000		\$0.00	
	Excavation	C.Y.	\$220	1535	\$337,700.00	
	Fill	C.Y.	\$190	3630	\$689,700.00	
	Install turnout	each	\$100,000		\$0.00	
Traction	power					
	Catenary system	mile	\$1,000,000		\$0.00	
	Wayside substation	each	\$4,000,000		\$0.00	
	Supply substation	each	\$6,000,000		\$0.00	
	RTU	each	\$500,000		\$0.00	
Structur	es					
	U.G. Bridge (multi girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through girder)	S.F.	\$2,500	1040	\$2,600,000.00	
	U.G. Bridge (through truss)	S.F.	\$6,000		\$0.00	
	O.H. Roadway Bridge	S.F.	\$600		\$0.00	
	Pedestrian Bridge (50')	each	\$400,000		\$0.00	
	Pedestrian Bridge (100')	each	\$480,000		\$0.00	
	Retaining wall	S.F.	\$140	4225	\$591,500.00	
C&S		21	352000-00700-00-00-0			
	Install Signal system	mile	\$2,000,000		\$0.00	
	Relocate buried cables	L.F.	\$250	1000	\$250,000.00	
	New at grade crossing	each	\$250,000	1	\$250,000.00	
	New approach circuit	each	\$15,000		\$0.00	
	Modify control center	each	\$2,000,000		\$0.00	
	Install cab signals	each	\$100,000		\$0.00	
Stations						
					196-20-00-0	
	High level platform	L.F.	\$17,500		\$0.00	
	Surface parking	space	\$10,000		\$0.00	
	Sidewalk	S.F.	\$40		\$0.00	
	Driveway	S.Y.	\$100	1	\$0.00	
Yard	2000 P2 18 1 D E				80.000	
	Welfare building	S.F.	\$200		\$0.00	
Utilities						
					an V relational to Little	
	Relocate aerial FO cable	L.F.	\$100	-	\$0.00	
Roadwa			da.c.c		40.00	
	Relocate/raise 2 lane rural road	L.F.	\$400		\$0.00	
	Delegate feeter 1 24	7 -	62.000		60.00	
D	Relocate/raise I-84	L.F.	\$3,000	1	\$0.00	
Property	/ Acquisitions		ĆE00 000	000	¢45.000.00	
	Taking	Acre	\$500,000	0.09	\$45,000.00	
Construction Access each \$25,000 Environmental Mitigation			\$25,000	1	\$25,000.00	
LIIVITONI	nental Mitigation		\$0.00			
L.S. \$0				+	Ar 770 075 00	
Subtotal	Cost for Work at Location =				\$5,778,275.00	
Design 8	k Permits			25%	\$1,444,568.75	
Incident				23%	\$1,329,003.25	
RR Prote	ection			30%	\$1,733,482.50	
Conting	ency			40%	\$2,311,310.00	
-5%	1 100					
<b>Total Co</b>	st for Work at Location =				\$12,596,639.50	

Town: Redding Location: Curves 15B & C From Mile Post: 15.26 To Mile Post: 15.77

	Item	Unit	Unit Cost	Quantity	Amount	
Track						
	New track structure	mile	\$1,100,000	0.51	\$564,583.33	
	Realign track	mile	\$400,000	447,475	\$0.00	
	Excavation	C.Y.	\$220		\$0.00	
	Fill	C.Y.	\$190	3335	\$633,650.00	
	Install turnout	each	\$100,000		\$0.00	
Traction	power					
	Catenary system	mile	\$1,000,000		\$0.00	
	Wayside substation	each	\$4,000,000		\$0.00	
	Supply substation	each	\$6,000,000		\$0.00	
	RTU	each	\$500,000		\$0.00	
Structure	es					
	U.G. Bridge (multi girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through truss)	S.F.	\$6,000		\$0.00	
	O.H. Roadway Bridge	S.F.	\$600		\$0.00	
	Pedestrian Bridge (50')	each	\$400,000		\$0.00	
	Pedestrian Bridge (100')	each	\$480,000		\$0.00	
	Retaining wall	S.F.	\$140		\$0.00	
C&S						
	Install Signal system	mile	\$2,000,000		\$0.00	
	Relocate buried cables	L.F.	\$250	2000	\$500,000.00	
	New at grade crossing	each	\$250,000		\$0.00	
	New approach circuit	each	\$15,000		\$0.00	
	Modify control center	each	\$2,000,000		\$0.00	
	Install cab signals	each	\$100,000		\$0.00	
Stations						
	High level platform	L.F.	\$17,500		\$0.00	
	Surface parking	space	\$10,000		\$0.00	
	Sidewalk	S.F.	\$40		\$0.00	
	Driveway	S.Y.	\$100		\$0.00	
Yard						
	Welfare building	S.F.	\$200		\$0.00	
Utilities						
	Relocate aerial FO cable	L.F.	\$100		\$0.00	
Roadway	's					
	Relocate/raise 2 lane rural road	L.F.	\$400		\$0.00	
					2.7	
	Relocate/raise I-84	L.F.	\$3,000		\$0.00	
Property	Acquisitions		120			
	Taking	Acre	\$500,000		\$0.00	
	Construction Access	each	\$25,000		\$0.00	
Environmental Mitigation					\$0.00	
L.S. \$0						
Subtotal	Cost for Work at Location =				\$1,698,233.33	
Design &	Permits			25%	\$424,558.33	
Incidenta				23%	\$390,593.67	
				30%	\$509,470.00	
RR Protection Contingency					\$679,293.33	
Continge	nicy			40%	3073,233.33	
	t for Work at Location =					

State Project Number: 302-008

Town: Redding Location: Curves 16A & B From Mile Post: 16.58 To Mile Post: 16.89

Work Description: new track alignment, relocation of local road, and lengthening of NB approach circuit for Long Ridge Rd.

	Item	Unit	Unit Cost	Quantity	Amount	
Track						
	New track structure	mile	\$1,100,000	0.32	\$347,916.67	
	Realign track	mile	\$400,000		\$0.00	
	Excavation	C.Y.	\$220	2645	\$581,900.00	
	Fill	C.Y.	\$190		\$0.00	
	Install turnout	each	\$100,000		\$0.00	
Traction	power	mile	\$1,000,000			
	Catenary system		\$0.00			
	Wayside substation	\$4,000,000		\$0.00		
	Supply substation	each	\$6,000,000		\$0.00	
	RTU	each	\$500,000		\$0.00	
Structur		. 202				
	U.G. Bridge (multi girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through truss)	S.F.	\$6,000		\$0.00	
	O.H. Roadway Bridge	S.F.	\$600		\$0.00	
	Pedestrian Bridge (50')	each	\$400,000		\$0.00	
	Pedestrian Bridge (100')	each	\$480,000		\$0.00	
	Retaining wall	S.F.	\$140		\$0.00	
C&S						
	Install Signal system	mile	\$2,000,000		\$0.00	
	Relocate buried cables	L.F.	\$250		\$0.00	
	New at grade crossing	each	\$250,000	120	\$0.00	
	New approach circuit	each	\$15,000	1	\$15,000.00	
	Modify control center	each each	\$2,000,000		\$0.00	
	Install cab signals	\$100,000		\$0.00		
Stations						
			4			
	High level platform	L.F.	\$17,500		\$0.00	
	Surface parking	space	\$10,000		\$0.00	
	Sidewalk	S.F.	\$40		\$0.00	
	Driveway	S.Y.	\$100		\$0.00	
Yard		1/2012				
	Welfare building	S.F.	\$200		\$0.00	
Utilities						
_	Relocate aerial FO cable	L.F.	\$100		\$0.00	
Roadwa	A CONTROL OF THE PARTY OF THE P			Starte	Marie Carlon	
	Relocate/raise 2 lane rural road	L.F.	\$400	1250	\$500,000.00	
	TWO PLOT OF THE WORKS	191120	20.000		90.00	
	Relocate/raise I-84	L.F.	\$3,000		\$0.00	
Property	/ Acquisitions		d=00.000		A400 C	
	Taking	Acre	\$500,000	0.39	\$195,000.00	
Construction Access each \$25,000					\$0.00	
Environmental Mitigation					\$0.00	
L.S. \$0					A4 500 045 57	
Subtotal Cost for Work at Location =					\$1,639,816.67	
Design 8	k Permits			25%	\$409,954.17	
	Design & Permits Incidentals			23%	\$377,157.83	
and the second second	Incidentals RR Protection				\$491,945.00	
Continge		30% 40%	\$655,926.67			
				::16/KStrS5*V		
Total Co	st for Work at Location =				\$3,574,800.33	

State Project Number: 302-008 Town: Redding

Town: Redding Location: Curve 17A From Mile Post: 17.25 To Mile Post: 17.45

Work Description: shift track 6' to west, requires lengthening SB approach circuit for Long Ridge Rd.

ltem	Unit	Unit Cost	Quantity	Amount	
Track		Ć1 100 000	0.10	4440.000.00	
New track structure	mile	\$1,100,000	0.10	\$110,000.00	
Realign track	mile	\$400,000	0.10	\$40,000.00	
Excavation Fill	C.Y.	\$220 \$190	165	\$0.00	
Install turnout			163	\$31,350.00	
Traction power	each	\$100,000		\$0.00	
Catenary system	mile	\$1,000,000		\$0.00	
Wayside substation	each	\$4,000,000		\$0.00	
Supply substation	each	\$6,000,000		\$0.00	
RTU	each	\$500,000		\$0.00	
Structures		<del>\$200,000</del>		70.00	
U.G. Bridge (multi girder)	S.F.	\$2,500		\$0.00	
U.G. Bridge (through girder)	S.F.	\$2,500		\$0.00	
U.G. Bridge (through truss)	S.F.	\$6,000		\$0.00	
O.H. Roadway Bridge	S.F.	\$600		\$0.00	
Pedestrian Bridge (50')	each	\$400,000		\$0.00	
Pedestrian Bridge (100')	each	\$480,000		\$0.00	
Retaining wall	S.F.	\$140		\$0.00	
C&S					
Install Signal system	mile	\$2,000,000		\$0.00	
Relocate buried cables	L.F.	\$250		\$0.00	
New at grade crossing	each	\$250,000		\$0.00	
New approach circuit	each	\$15,000	1	\$15,000.00	
Modify control center	each	\$2,000,000		\$0.00	
Install cab signals	each	\$100,000		\$0.00	
Stations					
	6.25	4.2.20			
High level platform	L.F.	\$17,500		\$0.00	
Surface parking	space	\$10,000		\$0.00	
Sidewalk	S.F.	\$40		\$0.00	
Driveway Yard	S.Y.	\$100		\$0.00	
Welfare building	S.F.	\$200		\$0.00	
Utilities	3.1.	\$200		50.00	
Relocate aerial FO cable	L.F.	\$100		\$0.00	
Roadways					
Relocate/raise 2 lane rural road	L.F.	\$400		\$0.00	
Relocate/raise I-84	L.F.	\$3,000		\$0.00	
Property Acquisitions	Let s	<i>\$5,000</i>	S 8	<del>-</del>	
Taking	Acre	\$500,000		\$0.00	
Construction Access	each	\$25,000		\$0.00	
Environmental Mitigation		\$0.00			
L.S. \$0				Magazone I	
Subtotal Cost for Work at Location =				\$196,350.00	
Design & Permits			25%	\$49,087.50	
Incidentals			23%	\$45,160.50	
RR Protection			30%	\$58,905.00	
RR Protection Contingency				\$78,540.00	
			5	\$ 1500 3	
Total Cost for Work at Location =				\$428,043.00	

Town: Redding Location: Curve 17B From Mile Post: 17.57 To Mile Post: 17.72

	Item	Unit	Unit Cost	Quantity	Amount	
Track						
	New track structure	mile	\$1,100,000	0.15	\$165,000.00	
	Realign track	mile	\$400,000		\$0.00	
	Excavation	C.Y.	\$220	825	\$181,500.00	
	Fill	C.Y.	\$190	60001110	\$0.00	
	Install turnout	each	\$100,000		\$0.00	
Traction	power		7			
	Catenary system	mile	\$1,000,000		\$0.00	
	Wayside substation	each	\$4,000,000		\$0.00	
	Supply substation	each	\$6,000,000		\$0.00	
	RTU	each	\$500,000		\$0.00	
Structure	es					
	U.G. Bridge (multi girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through truss)	S.F.	\$6,000		\$0.00	
	O.H. Roadway Bridge	S.F.	\$600		\$0.00	
	Pedestrian Bridge (50')	each	\$400,000		\$0.00	
	Pedestrian Bridge (100')	each	\$480,000		\$0.00	
	Retaining wall	S.F.	\$140		\$0.00	
C&S						
	Install Signal system	mile	\$2,000,000		\$0.00	
	Relocate buried cables	L.F.	\$250	800	\$200,000.00	
	New at grade crossing	each	\$250,000		\$0.00	
	New approach circuit	each	\$15,000		\$0.00	
	Modify control center	each	\$2,000,000		\$0.00	
Install cab signals each \$100,000					\$0.00	
Stations						
	High level platform	L.F.	\$17,500		\$0.00	
	Surface parking	space	\$10,000		\$0.00	
	Sidewalk	S.F.	\$40		\$0.00	
	Driveway	S.Y.	\$100		\$0.00	
Yard						
3	Welfare building	S.F.	\$200		\$0.00	
Utilities						
	Relocate aerial FO cable	L.F.	\$100		\$0.00	
Roadway	s					
	Relocate/raise 2 lane rural road	L.F.	\$400		\$0.00	
1	Relocate/raise I-84	L.F.	\$3,000		\$0.00	
Property	Acquisitions		(%)			
	Taking	Acre	\$500,000		\$0.00	
	Construction Access	each	\$25,000		\$0.00	
Environmental Mitigation					\$0.00	
L.S. \$0						
Subtotal Cost for Work at Location =					\$546,500.00	
Design &	Permits			25%	\$136,625.00	
Incidenta				23%	\$125,695.00	
RR Prote				30%	\$163,950.00	
Continge				40%	\$218,600.00	
Containge				4076	9216,000.00	
Total Cos	t for Work at Location =				\$1,191,370.00	

Town: Redding Location: Curve 17C From Mile Post: 17.83 To Mile Post: 18.01

	Item	Unit	Unit Cost	Quantity	Amount	
Track	Harve California		Marine State of the State of th			
	New track structure	mile	\$1,100,000	0.18	\$195,625.00	
	Realign track	mile	\$400,000		\$0.00	
	Excavation	C.Y.	\$220		\$0.00	
	Fill	C.Y.	\$190		\$0.00	
	Install turnout	each	\$100,000	0	\$0.00	
Traction	power					
	Catenary system	mile	\$1,000,000		\$0.00	
	Wayside substation	each	\$4,000,000		\$0.00	
	Supply substation	each	\$6,000,000		\$0.00	
	RTU	each	\$500,000		\$0.00	
Structure	es					
	U.G. Bridge (multi girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through truss)	S.F.	\$6,000		\$0.00	
	O.H. Roadway Bridge	S.F.	\$600		\$0.00	
	Pedestrian Bridge (50')	each	\$400,000		\$0.00	
	Pedestrian Bridge (100')	each	\$480,000		\$0.00	
	Retaining wall	S.F.	\$140		\$0.00	
C&S						
	Install Signal system	mile	\$2,000,000		\$0.00	
	Relocate buried cables	L.F.	\$250		\$0.00	
	New at grade crossing	each	\$250,000		\$0.00	
	New approach circuit	each	\$15,000		\$0.00	
	Modify control center	each	\$2,000,000		\$0.00	
	Install cab signals	each	\$100,000		\$0.00	
Stations						
	High level platform	L.F.	\$17,500		\$0.00	
	Surface parking	space	\$10,000		\$0.00	
	Sidewalk	S.F.	\$40		\$0.00	
	Driveway	S.Y.	\$100		\$0.00	
Yard						
	Welfare building	S.F.	\$200		\$0.00	
Utilities						-
			_			
	Relocate aerial FO cable	L.F.	\$100		\$0.00	
Roadway	/s					
	Relocate/raise 2 lane rural roac	L.F.	\$400		\$0.00	
	Relocate/raise I-84	L.F.	\$3,000		\$0.00	
Property	Acquisitions					
	Taking	Acre	\$500,000		\$0.00	
Section 14 and 14 and 15 and 1			\$25,000		\$0.00	
Environmental Mitigation					\$0.00	
L.S. \$0						
Subtotal Cost for Work at Location =					\$195,625.00	
Docies 0	Permits			250/	\$48,906.25	
10.7				25%		
Incident				23%	\$44,993.75	
RR Prote				30%	\$58,687.50	
Continge	aicy			40%	\$78,250.00	
Total Co	st for Work at Location =			- 31	\$426,462.50	
					Y0,702.00	

Town: Bethel Location: Curve 19A From Mile Post: 19.07 To Mile Post: 19.18

Work Description: Shift track 4' to west

	Item	Unit	Unit Cost	Quantity	Amount	
Track						Ì
44.40000	New track structure	mile	\$1,100,000		\$0.00	
	Realign track	mile	\$400,000	0.11	\$43,181.82	
	Excavation	C.Y.	\$220		\$0.00	
	Fill	C.Y.	\$190		\$0.00	
	Install turnout	each	\$100,000		\$0.00	
Traction p			,			
	Catenary system	mile	\$1,000,000		\$0.00	
	Wayside substation	each	\$4,000,000		\$0.00	
	Supply substation	each	\$6,000,000		\$0.00	
	RTU	each	\$500,000		\$0.00	
Structure	1000000000		7/		7	
	U.G. Bridge (multi girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through truss)	S.F.	\$6,000		\$0.00	
	O.H. Roadway Bridge	S.F.	\$600		\$0.00	
	Pedestrian Bridge (50')	each	\$400,000		\$0.00	
	Pedestrian Bridge (100')	each	\$480,000		\$0.00	1
	Retaining wall	S.F.	\$140		\$0.00	
C&S	Notalining Wall	J., .	<b>V</b> 140		\$0.00	
-	Install Signal system	mile	\$2,000,000		\$0.00	
	Relocate buried cables	L.F.	\$250		\$0.00	
	New at grade crossing	each	\$250,000		\$0.00	
	Statement and Statement Committee 19		SAME SECTION AND CONTRACTOR		0.000	
	New approach circuit	each	\$15,000 \$2,000,000		\$0.00	
	Modify control center Install cab signals	each	\$2,000,000		\$0.00	
Stations	Ilistali cab sigilais	each	\$100,000		\$0.00	
Stations						
	High level platform	L.F.	\$17,500		\$0.00	
	The state of the s				2,000	
	Surface parking	space	\$10,000		\$0.00	
	Sidewalk	S.F. S.Y.	\$40 \$100		\$0.00	
Yard	Driveway	5.1.	\$100		\$0.00	
raru	Malfara building	c E	¢200		60.00	
Utilities	Welfare building	S.F.	\$200		\$0.00	
ounues						
	Relocate aerial FO cable	L.F.	\$100		\$0.00	
Roadway		L.F.	\$100		\$0.00	
noauw ay		L.F.	\$400		\$0.00	
	Relocate/raise 2 lane rural road	L.F.	\$400		\$0.00	
	Relocate/raise I-84	L.F.	\$3,000		\$0.00	
Droparty	Acquisitions	Let	\$3,000		30.00	
rroperty	Taking	Acre	\$500,000		\$0.00	1
			\$25,000		\$0.00	1
					\$0.00	
Environmental Mitigation					\$0.00	
L.S. \$0 Subtotal Cost for Work at Location =					\$43,181.82	
				22.20	* <b>*</b>	<u> </u>
Design &				25%	\$10,795.45	1
Incidenta				23%	\$9,931.82	1
RR Protec				30%	\$12,954.55	1
Continger	ncy			40%	\$17,272.73	
T-4-1 C	t for Work at Location =				\$94,136.36	L

State Project Number: 302-008

Town: Danbury Location: Maybrook Line From Mile Post: 77.4 To Mile Post: 80

Work Description: Replace the track structure on the Maybrook Main and Tilcon Runner including 3 crossovers at Danbury Yard, 2 crossovers at Bershire Junction, and turnouts at MP 78.1 and 79.2 on the runner.

New track structure	
Realign track   Excavation   C.Y.   \$220   \$0.00   \$0.00   \$0.00   \$1,000,000.00   \$1,000,000.00   \$1,000,000.00   \$1,000,000.00   \$1,000,000.00   \$1,000,000.00   \$1,000,000.00   \$1,000,000.00   \$1,000,000.00   \$1,000,000.00   \$1,000,000.00   \$1,000,000.00   \$1,000,000.00   \$1,000,000.00   \$1,000,000.00   \$1,000,000   \$1,000,000   \$1,000   \$1,000,000   \$1,000   \$1,000,000   \$1,000   \$1,000   \$1,000,000   \$1,000   \$1,000   \$1,000,000   \$1,	
Realign track   Excavation   C.Y.   \$220   \$0.00   \$0.00   \$0.00   \$1,000,000.00   \$1,000,000.00   \$1,000,000.00   \$1,000,000.00   \$1,000,000.00   \$1,000,000.00   \$1,000,000.00   \$1,000,000.00   \$1,000,000.00   \$1,000,000.00   \$1,000,000.00   \$1,000,000.00   \$1,000,000.00   \$1,000,000.00   \$1,000,000.00   \$1,000,000   \$1,000,000   \$1,000,000   \$1,000   \$1,000,000   \$1,000   \$1,000,000   \$1,000   \$1,000   \$1,000,000   \$1,	
Fill	
Fill	
Install turnout	
Traction power	
Catenary system	
Wayside substation	
Supply substation   each   \$6,000,000   \$0.00   \$0.00	
Structures	
U.G. Bridge (multi girder)   S.F.   \$2,500   \$0.00	
U.G. Bridge (multi girder) U.G. Bridge (through girder) U.G. Bridge (through truss) S.F. \$2,500 S0.00 S0.00 O.H. Roadway Bridge Pedestrian Bridge (50') Pedestrian Bridge (50') Retaining wall S.F. \$400,000 Retaining wall S.F. \$140 S0.00 S0.00 Retaining wall S.F. \$2,000,000 Relocate buried cables L.F. \$250 S0.00 New at grade crossing Relocate buried cables L.F. \$250 S0.00 New approach circuit Relocate buried cables L.F. \$250,000 Retail Signals Relocate buried cables L.F. \$250 S0.00 Retail Signals Relocate buried cables L.F. \$250 S0.00 Retail Signals Relocate buried cables L.F. \$250 S0.00 S	
U.G. Bridge (through girder) U.G. Bridge (through truss) O.H. Roadway Bridge S.F. \$6,000 S0.00 Retaining wall S.F. \$140 S0.00 S0.00 Retaining wall S.F. \$140 S0.00	
U.G. Bridge (through truss) O.H. Roadway Bridge Pedestrian Bridge (50') Pedestrian Bridge (100') Retaining wall  C&S  Install Signal system Relocate buried cables New at grade crossing Modify control center each S2,000,000 S0.00	
O.H. Roadway Bridge Pedestrian Bridge (50') Pedestrian Bridge (50') Pedestrian Bridge (100') Ped	
Pedestrian Bridge (50')	
Pedestrian Bridge (100')	
Retaining wall   S.F.   \$140   \$0.00	
Install Signal system	
Install Signal system	
Relocate buried cables	
New at grade crossing	
New approach circuit	
Modify control center	
Install cab signals	
High level platform	
High level platform	
Surface parking   Space   \$10,000   \$0.00	
Surface parking   Space   \$10,000   \$0.00	
Sidewalk   S.F.   \$40   \$0.00	
Driveway   S.Y.   \$100   \$0.00	
Yard         Welfare building         S.F.         \$200         \$0.00           Utilities         Relocate aerial FO cable         L.F.         \$100         \$0.00           Roadways         Relocate/raise 2 lane rural roa         L.F.         \$400         \$0.00           Relocate/raise I-84         L.F.         \$3,000         \$0.00           Property Acquisitions         Taking         Acre         \$500,000         \$0.00	
Welfare building         S.F.         \$200         \$0.00           Utilities         Relocate aerial FO cable         L.F.         \$100         \$0.00           Roadways         Relocate/raise 2 lane rural roa         L.F.         \$400         \$0.00           Relocate/raise I-84         L.F.         \$3,000         \$0.00           Property Acquisitions         Taking         Acre         \$500,000         \$0.00	
Relocate aerial FO cable	
Relocate aerial FO cable   L.F.   \$100   \$0.00	
Relocate/raise 2 lane rural roa   L.F.   \$400   \$0.00	
Relocate/raise 2 lane rural roa   L.F.   \$400   \$0.00	
Relocate/raise 2 lane rural roa         L.F.         \$400         \$0.00           Relocate/raise I-84         L.F.         \$3,000         \$0.00           Property Acquisitions         Taking         Acre         \$500,000         \$0.00	
Relocate/raise I-84	
Property Acquisitions Taking Acre \$500,000 \$0.00	
Property Acquisitions Taking Acre \$500,000 \$0.00	
Taking Acre \$500,000 \$0.00	
American State of the Control of the	
Construction Access each \$25,000 \$0.00	
Environmental Mitigation \$0.00 L.S. \$0	
Subtotal Cost for Work at Location = \$6,720,000.00	
Design & Permits 25% \$1,680,000.00	
Incidentals 23% \$1,545,600.00	
RR Protection 30% \$2,016,000.00	
Contingency 40% \$2,688,000.00	
40/0 \$2,000,000.00	
Total Cost for Work at Location = \$14,649,600.00	

Town: Danbury Location: Berkshire Line From Mile Post: 0 To Mile Post: 0.31

Work Description: Replace portion of Berkshire Line in Danbury including turnout at Stearns siding

	Item	Unit	Unit Cost	Quantity	Amount	
Track				20.000		
	New track structure	mile	\$1,100,000	0.31	\$341,000.00	
	Realign track	mile	\$400,000		\$0.00	
	Excavation	C.Y.	\$220		\$0.00	
	Fill	C.Y.	\$190		\$0.00	
	Install turnout	each	\$100,000	1	\$100,000.00	
Traction p	ower		Standard Harris			
	Catenary system	mile	\$1,000,000		\$0.00	
	Wayside substation	each	\$4,000,000		\$0.00	
	Supply substation	each	\$6,000,000		\$0.00	
	RTU	each	\$500,000		\$0.00	
Structures					5/40/2014/201	
	U.G. Bridge (multi girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through truss)	S.F.	\$6,000		\$0.00	
	O.H. Roadway Bridge	S.F.	\$600		\$0.00	
	Pedestrian Bridge (50')	each	\$400,000		\$0.00	
	Pedestrian Bridge (100')	each	\$480,000		\$0.00	
c0 c	Retaining wall	S.F.	\$140		\$0.00	
C&S					WW 22	
	Install Signal system	mile	\$2,000,000		\$0.00	
	Relocate buried cables	L.F.	\$250		\$0.00	
	New at grade crossing	each	\$250,000		\$0.00	
	New approach circuit	each	\$15,000		\$0.00	
	Modify control center	each	\$2,000,000		\$0.00	
Ct - t'	Install cab signals	each	\$100,000		\$0.00	
Stations						
	Uiah laval platform		Ć17 E00		¢0.00	
	High level platform	L.F.	\$17,500 \$10,000		\$0.00	
	Surface parking Sidewalk	space S.F.	\$10,000		\$0.00	
		S.Y.	\$100		\$0.00 \$0.00	
Yard	Driveway	3.1.	\$100	<del>                                     </del>	\$0.00	
raru	Welfare building	S.F.	\$200		\$0.00	
Utilities	Wellare building	٠ ١، د	\$200		30.00	
ounacs						
	Relocate aerial FO cable	L.F.	\$100		\$0.00	
Roadways		L.11	7100		90.00	
nouuw uy s	Relocate/raise 2 lane rural road	L.F.	\$400		\$0.00	
	Noiceate, raise 2 faire rarai road		J 400		90.00	
	Relocate/raise I-84	L.F.	\$3,000		\$0.00	
Property A	Acquisitions	11 <del>12 14 14 14 1</del>	7-,200		14 <b>5</b> -15-15-150	
	Taking	Acre	\$500,000		\$0.00	
	Construction Access	each	\$25,000		\$0.00	
Environmental Mitigation				\$0.00		
	victor de transmit de	L.S.	\$0		20 <b>9</b> 29 (2006-000) 486	
Subtotal C	ost for Work at Location =			İ	\$441,000.00	
	Annual designation of the second seco				The state of the s	
Design & I	Permits			25%	\$110,250.00	
Incidental				23%	\$101,430.00	
RR Protect				30%	\$132,300.00	
Contingency				40%	\$176,400.00	
3000					7 39	
Total Cost	for Work at Location =				\$961,380.00	

State Project Number: 302-008

Town: Brookfield Location: Berkshire Line From Mile Post: 0.31 To Mile Post: 5.9

Work Description: Work Description: Replace portion of Berkshire Line in Brookfield including turnout at MP 1.1 and realignment of

Curves 1 A and 1B

	ltem	Unit	Unit Cost	Quantity	Amount	
Track						
	New track structure	mile	\$1,100,000	5.60	\$6,160,000.00	
	Realign track	mile	\$400,000		\$0.00	
	Excavation	C.Y.	\$220		\$0.00	
	Fill	C.Y.	\$190	8530	\$1,620,700.00	
	Install turnout	each	\$100,000	1	\$100,000.00	
Traction pov	ver		de sel commence commence			
	Catenary system	mile	\$1,000,000		\$0.00	
	Wayside substation	each	\$4,000,000		\$0.00	
	Supply substation	each	\$6,000,000		\$0.00	
	RTU	each	\$500,000		\$0.00	
Structures	50 St. 100 St.					
	U.G. Bridge (multi girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through truss)	S.F.	\$6,000		\$0.00	
	O.H. Roadway Bridge	S.F.	\$600		\$0.00	
	Pedestrian Bridge (50')	each	\$400,000		\$0.00	
	Pedestrian Bridge (100')	each	\$480,000		\$0.00	
	Retaining wall	S.F.	\$140		\$0.00	
C&S						
	Install Signal system	mile	\$2,000,000		\$0.00	
	Relocate buried cables	L.F.	\$250		\$0.00	
	New at grade crossing	each	\$250,000		\$0.00	
	New approach circuit	each	\$15,000		\$0.00	
	Modify control center	each	\$2,000,000		\$0.00	
	Install cab signals	each	\$100,000		\$0.00	
Stations						
	High level platform	L.F.	\$17,500		\$0.00	
	Surface parking	space	\$10,000		\$0.00	
	Sidewalk	S.F.	\$40		\$0.00	
	Driveway	S.Y.	\$100		\$0.00	
Yard						
	Welfare building	S.F.	\$200		\$0.00	
Utilities						
			-			
	Relocate aerial FO cable	L.F.	\$100		\$0.00	
Roadw <i>a</i> ys						
	Relocate/raise 2 lane rural road	L.F.	\$400		\$0.00	
	Relocate/raise I-84	L.F.	\$3,000		\$0.00	
Property Acc	quisitions					
	Taking	Acre	\$500,000		\$0.00	
	Construction Access	each	\$25,000		\$0.00	
Environmental Mitigation					\$0.00	
L.S. \$0						
Subtotal Cost for Work at Location =					\$7,880,700.00	
<b>.</b>				0.507	A1 070 177 57	
Design & Per	rmits			25%	\$1,970,175.00	
Incidentals 				23%	\$1,812,561.00	
RR Protectio				30%	\$2,364,210.00	
Contingency				40%	\$3,152,280.00	
Total Cost fo	r Work at Location =				\$17,179,926.00	
	ut Locution -				711,111,000	

State Project Number: 302-008

Town: New Milford Location: Berkshire Line From Mile Post: 6.07 To Mile Post: 12.2

Work Description: Work Description: Replace portion of Berkshire Line in New Milford (6.13 miles) including turnouts (3) at ACH

Foods and Kimberly Ckark

	Item	Unit	Unit Cost	Quantity	Amount	
Track	32 Miles 2011			•		
E P D P D P D P D P D P D P D P D P D P	New track structure	mile	\$1,100,000	6.13	\$6,742,916.67	
	Realign track	mile	\$400,000		\$0.00	
	Excavation	C.Y.	\$220		\$0.00	
	Fill	C.Y.	\$190		\$0.00	
	Install turnout	each	\$100,000	3	\$300,000.00	
Traction power	er		4 F977 - 12 F977 - 17 F			
	Catenary system	mile	\$1,000,000		\$0.00	
	Wayside substation	each	\$4,000,000		\$0.00	
	Supply substation	each	\$6,000,000		\$0.00	
	RTU	each	\$500,000		\$0.00	
Structures						
	U.G. Bridge (multi girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through truss)	S.F.	\$6,000		\$0.00	
	O.H. Roadway Bridge	S.F.	\$600		\$0.00	
	Pedestrian Bridge (50')	each	\$400,000		\$0.00	
	Pedestrian Bridge (100')	each	\$480,000		\$0.00	
	Retaining wall	S.F.	\$140		\$0.00	
C&S						
	Install Signal system	mile	\$2,000,000		\$0.00	
	Relocate buried cables	L.F.	\$250		\$0.00	
	New at grade crossing	each	\$250,000		\$0.00	
	New approach circuit	each	\$15,000		\$0.00	
	Modify control center	each	\$2,000,000		\$0.00	
	Install cab signals	each	\$100,000		\$0.00	
Stations						
	High level platform	L.F.	\$17,500		\$0.00	
	Surface parking	space	\$10,000		\$0.00	
	Sidewalk	S.F.	\$40		\$0.00	
	Driveway	S.Y.	\$100		\$0.00	
Yard			area 1			
	Welfare building	S.F.	\$200		\$0.00	
Utilities						
			151			
	Relocate aerial FO cable	L.F.	\$100		\$0.00	
Roadways						
	Relocate/raise 2 lane rural roac	L.F.	\$400		\$0.00	
	Relocate/raise I-84	L.F.	\$3,000		\$0.00	
Property Acqu	uisitions		201			
3870	Taking	Acre	\$500,000		\$0.00	
Construction Access each \$25,000					\$0.00	
Environmental Mitigation					\$0.00	
L.S. \$0						
Subtotal Cost	for Work at Location =				\$7,042,916.67	
D! 0 D				250/	64 760 700 47	
Design & Perr	nits			25%	\$1,760,729.17	
Incidentals				23%	\$1,619,870.83	
RR Protection				30% 40%	\$2,112,875.00	
Contingency					\$2,817,166.67	
Total Cost for	Work at Location =				\$15,353,558.33	
					, ,000,000,000	

State Project Number: 302-008

Town: Norwalk Location: Danbury Branch From Mile Post: 0 To Mile Post: 4.62

Work Description: Install overhead traction power system including support structures, catenary, related wires, impedence bonds,

RTU house and wayside substation in Norwalk

	Item	Unit	Unit Cost	Quantity	Amount	
Track				-		
	New track structure	mile	\$1,100,000		\$0.00	
	Realign track	mile	\$400,000		\$0.00	
	Excavation	C.Y.	\$220		\$0.00	
	Fill	C.Y.	\$190		\$0.00	
	Install turnout	each	\$100,000		\$0.00	
Traction po	wer					
4550	Catenary system	mile	\$1,000,000	4.77	\$4,765,719.70	
	Wayside substation	each	\$4,000,000	1	\$4,000,000.00	
	Supply substation	each	\$6,000,000		\$0.00	
	RTU	each	\$500,000	1	\$500,000.00	
Structures						
	U.G. Bridge (multi girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through truss)	S.F.	\$6,000		\$0.00	
	O.H. Roadway Bridge	S.F.	\$600		\$0.00	
	Pedestrian Bridge (50')	each	\$400,000		\$0.00	
	Pedestrian Bridge (100')	each	\$480,000		\$0.00	
	Retaining wall	S.F.	\$140		\$0.00	
C&S			58			
	Install Signal system	mile	\$2,000,000		\$0.00	
	Relocate buried cables	L.F.	\$250		\$0.00	
	New at grade crossing	each	\$250,000		\$0.00	
	New approach circuit	each	\$15,000		\$0.00	
	Modify control center	each	\$2,000,000		\$0.00	
4	Install cab signals	each	\$100,000		\$0.00	
Stations						
			100 de 200 d			
	High level platform	L.F.	\$17,500		\$0.00	
	Surface parking	space	\$10,000		\$0.00	
	Sidewalk	S.F.	\$40		\$0.00	
	Driveway	S.Y.	\$100		\$0.00	
Yard						
	Welfare building	S.F.	\$200		\$0.00	
Utilities						
			2		#4. (1000 a min)	
	Relocate aerial FO cable	L.F.	\$100		\$0.00	
Roadways	D-1t-/i 2 !		6400		40.77	
	Relocate/raise 2 lane rural road	L.F.	\$400		\$0.00	
	Delegate (seize 1.04		62.000		60.00	
Dronoute A	Relocate/raise I-84	L.F.	\$3,000		\$0.00	
Property Ac	60 * 0000 PROVINCE CONT. 000 P. C.	A ===	ĆE00.000	0.50	¢200.000.00	
	Taking	Acre	\$500,000	0.58	\$290,000.00	
Environm	Construction Access	each	\$25,000		\$0.00	
Lavironmer	itai iviitigation	1.5	\$0		\$0.00	
Cubtet-I C-	at fau Maul, at Lastins	L.S.	ŞÜ		CO EEE 740 70	
Suptotal Co	st for Work at Location =				\$9,555,719.70	
Design & Pe	ermits			25%	\$2,388,929.92	
Incidentals				23%	\$2,197,815.53	
RR Protection	on			30%	\$2,866,715.91	
Contingenc				40%	\$3,822,287.88	
- Containg City	<b>7</b>			4576	45,522,207.00	
Total Cost f	or Work at Location =				\$20,831,468.94	
. Jean Cost I	o ork at Location -				720,031,700.34	

State Project Number: 302-008

Town: Wilton

Location: Danbury Branch From Mile Post: 4.62 & 12.11 To Mile Post: 11.63 & 12.43

Work Description: Install overhead traction power system including support structures, catenary, related wires, impedence bonds, and wayside substation in Wilton (in two sections)

	Item	Unit	Unit Cost	Quantity	Amount	
Track						
	New track structure	mile	\$1,100,000		\$0.00	
	Realign track	mile	\$400,000		\$0.00	
	Excavation	C.Y.	\$220		\$0.00	
	Fill	C.Y.	\$190		\$0.00	
	Install turnout	each	\$100,000		\$0.00	
Traction	power					
	Catenary system	mile	\$1,000,000	7.33	\$7,330,000.00	
	Wayside substation	each	\$4,000,000	1	\$4,000,000.00	
	Supply substation	each	\$6,000,000		\$0.00	
	RTU	each	\$500,000		\$0.00	
Structure					W	
	U.G. Bridge (multi girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through truss)	S.F.	\$6,000		\$0.00	
	O.H. Roadway Bridge	S.F.	\$600		\$0.00	
	Pedestrian Bridge (50')	each	\$400,000		\$0.00	
	Pedestrian Bridge (100')	each	\$480,000		\$0.00	
	Retaining wall	S.F.	\$140		\$0.00	
C&S						
	Install Signal system	mile	\$2,000,000		\$0.00	
	Relocate buried cables	L.F.	\$250		\$0.00	
	New at grade crossing	each	\$250,000		\$0.00	
	New approach circuit	each	\$15,000		\$0.00	
	Modify control center	each	\$2,000,000		\$0.00	
	Install cab signals	each	\$100,000		\$0.00	
Stations						
	High level platform	L.F.	\$17,500		\$0.00	
	Surface parking	space	\$10,000		\$0.00	
	Sidewalk	S.F.	\$40		\$0.00	
	Driveway	S.Y.	\$100	-	\$0.00	
Yard	777 P		4000			
	Welfare building	S.F.	\$200		\$0.00	
Utilities						
	D. I		6100		40.00	
D	Relocate aerial FO cable	L.F.	\$100		\$0.00	
Roadway			Ć400		40.00	
	Relocate/raise 2 lane rural road	L.F.	\$400		\$0.00	
	Delegate (using 1.84	1.5	ć2 000		60.00	
Dron ort	Relocate/raise I-84	L.F.	\$3,000		\$0.00	
rroperty	Acquisitions Taking	٨٥٠٥	\$500,000		\$0.00	
	plant at the control of the control	Acre	\$25,000		\$0.00	
Environ	Construction Access nental Mitigation	each	\$25,000		\$0.00	
LIMITORIA	ientai iviitigation	L.S.	\$0		ŞU.UU	
Cubtotal	Cost for Work at Location =	L.J.	<b>3</b> 0	<del>     </del>	\$11,330,000.00	
SUDLOCAL	COST TOT MADER OF FOCATION =				\$11,550,000.00	
Design &	Darmite			25%	\$2,922,500,00	
Design & Incidenta				WAS REPORTED	\$2,832,500.00	
Incidenta RR Prote				23%	\$2,605,900.00	
KK Prote Continge				30% 40%	\$3,399,000.00 \$4,532,000.00	
conunge	iicy			4070	ρ4,352,000.00	

State Project Number: 302-008

Town: Wilton

Location: s/o Wilton Station From Mile Post: 4.6 To Mile Post: 7.4

Work Description: Install overhead traction power system including support structures, catenary, related wires, impedence bonds and wayside substation in Wilton from the Norwalk/Wilton townline to Wilton Station

	Item	Unit	Unit Cost	Quantity	Amount	
Track						
	New track structure	mile	\$1,100,000		\$0.00	
	Realign track	mile	\$400,000		\$0.00	
	Excavation	C.Y.	\$220		\$0.00	
	Fill	C.Y.	\$190		\$0.00	
	Install turnout	each	\$100,000		\$0.00	
Traction	power					
	Catenary system	mile	\$1,000,000	2.80	\$2,800,000.00	
	Wayside substation	each	\$4,000,000	1	\$4,000,000.00	
	Supply substation	each	\$6,000,000		\$0.00	
	RTU	each	\$500,000		\$0.00	
Structure	es		76			
	U.G. Bridge (multi girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through truss)	S.F.	\$6,000		\$0.00	
	O.H. Roadway Bridge	S.F.	\$600		\$0.00	
	Pedestrian Bridge (50')	each	\$400,000		\$0.00	
	Pedestrian Bridge (100')	each	\$480,000		\$0.00	
	Retaining wall	S.F.	\$140		\$0.00	
C&S						
	Install Signal system	mile	\$2,000,000		\$0.00	
	Relocate buried cables	L.F.	\$250		\$0.00	
	New at grade crossing	each	\$250,000		\$0.00	
	New approach circuit	each	\$15,000		\$0.00	
	Modify control center	each	\$2,000,000		\$0.00	
	Install cab signals	each	\$100,000		\$0.00	
Stations						
		w 500			A	
	High level platform	L.F.	\$17,500		\$0.00	
	Surface parking	space	\$10,000		\$0.00	
	Sidewalk	S.F.	\$40		\$0.00	
	Driveway	S.Y.	\$100		\$0.00	
Yard					******	
	Welfare building	S.F.	\$200		\$0.00	
Utilities						
					F Transit	
	Relocate aerial FO cable	L.F.	\$100		\$0.00	
Roadway			44		40.00	
	Relocate/raise 2 lane rural road	L.F.	\$400		\$0.00	
	Palaceta foriant 24	16	ć2 222		40.00	
Duor	Relocate/raise I-84	L.F.	\$3,000	1	\$0.00	
rroperty	Acquisitions	Λ	¢500,000		60.00	
	Taking	Acre	\$500,000		\$0.00	
Envisor	Construction Access nental Mitigation	each	\$25,000	+ -	\$0.00 \$0.00	
LIIVIFONN	nental Militigation	L.S.	\$0		\$0.00	
C.,bat-at-1	Cont fou Moule at Lastina	L.J.	ŞU		¢6 900 000 00	
ouprotal	Cost for Work at Location =				\$6,800,000.00	
Design &	Permits			25%	\$1,700,000.00	
Incidenta				23%	\$1,564,000.00	
RR Prote				30%	\$2,040,000.00	
Continge				40%	\$2,720,000.00	
Tatal Car	st for Work at Location =				\$14,824,000.00	

Town: Redding

Location: Danbury Branch From Mile Post: 11.63 & 13.19 To Mile Post: 12.11 & 18.05

Work Description: Install overhead traction power system including support structures, catenary, related wires, impedence bonds

and wayside and supply substations in Redding (in two sections)

ltem	Unit	Unit Cost	Quantity	Amount	
Track				4	
New track structure	mile	\$1,100,000		\$0.00	
Realign track	mile	\$400,000		\$0.00	
Excavation	C.Y.	\$220		\$0.00	
Fill	C.Y.	\$190		\$0.00	
Install turnout	each	\$100,000		\$0.00	
Traction power  Catenary system	mile	\$1,000,000	5.34	\$5,340,000.00	
Wayside substation	each	\$4,000,000	1	\$4,000,000.00	
Supply substation	each	\$6,000,000	1	\$6,000,000.00	
RTU	each	\$500,000	_	\$0.00	
Structures	Cacii	\$500,000		50.00	-
U.G. Bridge (multi girder)	S.F.	\$2,500		\$0.00	
U.G. Bridge (through girder)	S.F.	\$2,500		\$0.00	
U.G. Bridge (through truss)	S.F.	\$6,000		\$0.00	
O.H. Roadway Bridge	S.F.	\$600		\$0.00	
Pedestrian Bridge (50')	each	\$400,000		\$0.00	
Pedestrian Bridge (100')	each	\$480,000		\$0.00	
Retaining wall	S.F.	\$140		\$0.00	
C&S		<b>*</b>		,	
Install Signal system	mile	\$2,000,000		\$0.00	
Relocate buried cables	L.F.	\$250		\$0.00	
New at grade crossing	each	\$250,000		\$0.00	
New approach circuit	each	\$15,000		\$0.00	
Modify control center	each	\$2,000,000		\$0.00	
Install cab signals	each	\$100,000		\$0.00	
Stations					
115-1-1-1-15		647.500		40.00	
High level platform	L.F.	\$17,500		\$0.00	
Surface parking	space	\$10,000		\$0.00	
Sidewalk	S.F.	\$40		\$0.00	
Driveway Yard	S.Y.	\$100		\$0.00	
Welfare building	S.F.	\$200		\$0.00	
Utilities	5.1.	\$200		\$0.00	
surficience of the advisory					
Relocate aerial FO cable	L.F.	\$100		\$0.00	
Roadways		80.000 Mar			
Relocate/raise 2 lane rural road	L.F.	\$400		\$0.00	
Relocate/raise I-84	L.F.	\$3,000		\$0.00	
Property Acquisitions	Lili	\$3,000		φυ.υυ	
Taking	Acre	\$200,000	1.6	\$320,000.00	
Construction Access	each	\$25,000	1	\$25,000.00	
Environmental Mitigation	771	1-7		\$0.00	
	L.S.	\$0		Total Section (1)	
Subtotal Cost for Work at Location =	<u> </u>			\$15,685,000.00	
Design & Permits			25%	\$3,921,250.00	
Incidentals			23%	\$3,607,550.00	
RR Protection			30%	\$4,705,500.00	
Contingency			40%	\$6,274,000.00	
			omentifetti		
Total Cost for Work at Location =				\$34,193,300.00	

State Project Number: 302-008

Town: Ridgefield Location: Danbury Branch From Mile Post: 12.43 To Mile Post: 13.19

Work Description: Install overhead traction power system including support structures, catenary, related wires, impedence bonds,

		vside	L	:	:	_ n:		£: _	L
and	Wa	vside	SUL	ostati	on i	пк	gge	TIE	0

	Item	Unit	Unit Cost	Quantity	Amount	
Track			*1,122		8_	
	New track structure	mile	\$1,100,000		\$0.00	
	Realign track	mile	\$400,000		\$0.00	
	Excavation	C.Y.	\$220		\$0.00	
	Fill	C.Y.	\$190		\$0.00	
	Install turnout	each	\$100,000		\$0.00	
Traction	- Na Maria Cara Cara Cara Cara Cara Cara Cara		ć4 000 000		4750 000 00	
	Catenary system	mile	\$1,000,000	0.76	\$760,000.00	
	Wayside substation	each	\$4,000,000	1	\$4,000,000.00	
	Supply substation	each	\$6,000,000		\$0.00	
Characteria	RTU	each	\$500,000		\$0.00	
Structure		S.F.	\$2,500		¢0.00	
	U.G. Bridge (multi girder) U.G. Bridge (through girder)	S.F.	\$2,500		\$0.00 \$0.00	
		S.F.	\$6,000			
I	U.G. Bridge (through truss) O.H. Roadway Bridge	S.F. S.F.	\$600		\$0.00 \$0.00	
I	Pedestrian Bridge (50')	each	\$400,000		\$0.00	
I	Pedestrian Bridge (50 ) Pedestrian Bridge (100')	each each	\$480,000		matrice - Grane-	
			\$480,000		\$0.00	
C&S	Retaining wall	S.F.	\$140		\$0.00	
CGG	Install Signal system	mile	\$2,000,000		\$0.00	
	Relocate buried cables	L.F.	\$2,000,000		\$0.00	
	New at grade crossing	each	\$250,000		\$0.00	
	New approach circuit	each	\$15,000		\$0.00	
	Modify control center	each	\$2,000,000		\$0.00	
	Install cab signals	each	\$100,000		\$0.00	
Stations	mstan cab signals	cacii	\$100,000		90.00	
	High level platform	L.F.	\$17,500		\$0.00	
	Surface parking	space	\$10,000		\$0.00	
	Sidewalk	S.F.	\$40		\$0.00	
	Driveway	S.Y.	\$100	,	\$0.00	
Yard						
	Welfare building	S.F.	\$200		\$0.00	
Utilities						
		7 - 200 P. Onno. 17	- Allerana		Constitution to Constitution	
	Relocate aerial FO cable	L.F.	\$100		\$0.00	
Roadway	CONTRACT TO THE CONTRACT OF TH	160,000			COMPANY - NATIONAL	
	Relocate/raise 2 lane rural road	L.F.	\$400		\$0.00	
		2002				
Du au	Relocate/raise I-84	L.F.	\$3,000		\$0.00	
Property	Acquisitions	Λ	¢500,000		60.00	
I	Taking Construction Assess	Acre	\$500,000		\$0.00	
Caviler	Construction Access	each	\$25,000		\$0.00	J.
Environn	nental Mitigation	L.S.	\$0		\$0.00	
Subtotal	Cost for Work at Location =	L.J.	ŲŪ		\$4,760,000.00	7
Subtotal	COSE TOT WORK AL LOCALION =				34,700,000.00	
Design &	Permits			25%	\$1,190,000.00	
Incidenta				23%	\$1,094,800.00	
RR Prote				30%	\$1,428,000.00	
Continge				40%	\$1,904,000.00	
	70				and the second s	
<b>Total Cos</b>	t for Work at Location =				\$10,376,800.00	

State Project Number: 302-008

Town: Bethel

Location: Danbury Branch From Mile Post: 18.05 To Mile Post: 21.4

Work Description: Install overhead traction power system including support structures, catenary, related wires, impedence bonds,

and RTU house in Bethel

	ltem	Unit	Unit Cost	Quantity	Amount	
Track						
	New track structure	mile	\$1,100,000		\$0.00	
	Realign track	mile	\$400,000		\$0.00	
	Excavation	C.Y.	\$220		\$0.00	
	Fill	C.Y.	\$190		\$0.00	
	Install turnout	each	\$100,000		\$0.00	
raction pov	ver					
	Catenary system	mile	\$1,000,000	3.35	\$3,350,000.00	
	Wayside substation	each	\$4,000,000		\$0.00	
	Supply substation	each	\$6,000,000		\$0.00	
	RTU	each	\$500,000	1	\$500,000.00	
Structures						
	U.G. Bridge (multi girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through truss)	S.F.	\$6,000		\$0.00	
	O.H. Roadway Bridge	S.F.	\$600		\$0.00	
	Pedestrian Bridge (50')	each	\$400,000		\$0.00	
	Pedestrian Bridge (100')	each	\$480,000		\$0.00	
	Retaining wall	S.F.	\$140		\$0.00	
C&S						
	Install Signal system	mile	\$2,000,000		\$0.00	
	Relocate buried cables	L.F.	\$250		\$0.00	
	New at grade crossing	each	\$250,000		\$0.00	
	New approach circuit	each	\$15,000		\$0.00	
	Modify control center	each	\$2,000,000		\$0.00	
	Install cab signals	each	\$100,000		\$0.00	
Stations						
	High level platform	L.F.	\$17,500		\$0.00	
	Surface parking	space	\$10,000		\$0.00	
	Sidewalk	S.F.	\$40		\$0.00	
	Driveway	S.Y.	\$100		\$0.00	
Yard						
	Welfare building	S.F.	\$200		\$0.00	
<b>Jtilities</b>						
	Relocate aerial FO cable	L.F.	\$100		\$0.00	
Roadways						
	Relocate/raise 2 lane rural road	L.F.	\$400		\$0.00	
			58-117-2-1-17-1		2.6291.0000	
	Relocate/raise I-84	L.F.	\$3,000		\$0.00	
Property Acc	quisitions					
	Taking	Acre	\$500,000		\$0.00	
	Construction Access	each	\$25,000		\$0.00	
nvironmen	tal Mitigation		MAN.		\$0.00	
		L.S.	\$0		3.82711 0.000.00	
Subtotal Cos	t for Work at Location =				\$3,850,000.00	
Design & Per	rmite			25%	\$962,500.00	
	illits			23%		
Incidentals RR Protection				\$885,500.00		
KK Protectio Contingency				30% 40%	\$1,155,000.00 \$1,540,000.00	
Jonungency				40%	\$1,540,000.00	
	r Work at Location =				\$8,393,000.00	

State Project Number: 302-008

Town: Danbury

Location: Danbury Branch From Mile Post: 21.4 To Mile Post: 23.9

Work Description: Install overhead traction power system including support structures, catenary, related wires, impedence bonds, and wayside substation in Danbury. NOTE: Beyond MP 23.9 included in Danbury yard cost

	Item	Unit	Unit Cost	Quantity	Amount	
Track	2220	rgsan	SAIN AMAZON SAINON		- 006	
	New track structure	mile	\$1,100,000		\$0.00	
	Realign track	mile	\$400,000		\$0.00	
	Excavation	C.Y.	\$220		\$0.00	
	Fill	C.Y.	\$190		\$0.00	
The second section of the second	Install turnout	each	\$100,000		\$0.00	
Traction p			ć4 000 000	2.20	42 200 000 00	
	Catenary system	mile	\$1,000,000	3.20	\$3,200,000.00	
	Wayside substation	each	\$4,000,000	1	\$4,000,000.00	
	Supply substation	each	\$6,000,000		\$0.00	
Structures	RTU	each	\$500,000		\$0.00	
Structures	U.G. Bridge (multi girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through truss)	S.F.	\$6,000		\$0.00	
	O.H. Roadway Bridge	S.F.	\$600		\$0.00	
	Pedestrian Bridge (50')	each	\$400,000		\$0.00	
	Pedestrian Bridge (100')	each	\$480,000		\$0.00	
	Retaining wall	S.F.	\$140		\$0.00	
C&S		9.11	<b>\$2.70</b>		<b>40100</b>	
2001/1916-104	Install Signal system	mile	\$2,000,000		\$0.00	
	Relocate buried cables	L.F.	\$250		\$0.00	
	New at grade crossing	each	\$250,000		\$0.00	
	New approach circuit	each	\$15,000		\$0.00	
	Modify control center	each	\$2,000,000		\$0.00	
	Install cab signals	each	\$100,000		\$0.00	
Stations						
	High level platform	L.F.	\$17,500		\$0.00	
	Surface parking	space	\$10,000		\$0.00	
	Sidewalk	S.F.	\$40		\$0.00	
	Driveway	S.Y.	\$100		\$0.00	
Yard	\A/=\f-== \landside \displays		\$200		60.00	
Utilities	Welfare building	S.F.	\$200		\$0.00	
ounties						
	Relocate aerial FO cable	L.F.	\$100		\$0.00	
Roadways		E-11 1	<b>\$200</b>		Ç5100	
	Relocate/raise 2 lane rural road	L.F.	\$400		\$0.00	
		1000100000000	The Control of Marie		20 K 50 A 20 A	
	Relocate/raise I-84	L.F.	\$3,000		\$0.00	v.
Property A	cquisitions		2			
	Taking	Acre	\$500,000		\$0.00	
	Construction Access	each	\$25,000		\$0.00	
Environme	ental Mitigation	\$100 <u>00</u> 0	4-		\$0.00	
		L.S.	\$0		Variation of the second second	
Subtotal C	ost for Work at Location =				\$7,200,000.00	
Design & F	Permits			25%	\$1,800,000.00	
Incidentals				23%	\$1,656,000.00	
RR Protect				30%	\$2,160,000.00	
Contingen				40%	\$2,880,000.00	
	250				allo M NVI	
<b>Total Cost</b>	for Work at Location =				\$15,696,000.00	

State Project Number: 302-008

Town: Danbury

Location: Maybrook & Berkshire

From Mile Post: 77.4 To Mile Post: 0.31

Work Description: Install overhead traction power system including support structures, catenary, related wires, and impedence

bonds in Danbury on HRRC lines. Requires raising White St and two I-84 overhead bridges.

	Item	Unit	Unit Cost	Quantity	Amount
Track	Lawren Lan State Care William	-	The Manual Schools and Control of the Control of th		40000
	New track structure	mile	\$1,100,000		\$0.00
	Realign track	mile	\$400,000		\$0.00
	Excavation	C.Y.	\$220		\$0.00
	Fill	C.Y.	\$190		\$0.00
	Install turnout	each	\$100,000		\$0.00
Traction	Carlo			CONTRAMENDAL	74-4-10-2479
	Catenary system	mile	\$1,000,000	5.60	\$5,600,000.00
	Wayside substation	each	\$4,000,000		\$0.00
	Supply substation	each	\$6,000,000		\$0.00
	RTU	each	\$500,000		\$0.00
Structure		c =	62.500		40.00
	U.G. Bridge (multi girder)	S.F.	\$2,500		\$0.00
	U.G. Bridge (through girder)	S.F.	\$2,500		\$0.00
	U.G. Bridge (through truss)	S.F.	\$6,000	25420	\$0.00
	O.H. Roadway Bridge	S.F.	\$600	35429	\$21,257,400.00
	Pedestrian Bridge (50')	each	\$400,000		\$0.00
	Pedestrian Bridge (100')	each	\$480,000		\$0.00
C0 C	Retaining wall	S.F.	\$140		\$0.00
C&S	Install Signal out	mile	\$2,000,000		¢0.00
	Install Signal system Relocate buried cables				\$0.00
		L.F.	\$250		\$0.00
	New at grade crossing	each	\$250,000		\$0.00
	New approach circuit	each	\$15,000 \$2,000,000		\$0.00
	Modify control center	each			\$0.00
Stations	Install cab signals	each	\$100,000	-	\$0.00
Stations					
	High level platform	L.F.	\$17,500		\$0.00
	Surface parking	space	\$10,000		\$0.00
	Sidewalk	S.F.	\$40		\$0.00
	Driveway	S.Y.	\$100		\$0.00
Yard	Billeway	5.11	Ģ100		Q0.00
	Welfare building	S.F.	\$200		\$0.00
Utilities	violities a analing		<b>V</b> -5-5		y0.00
	Relocate aerial FO cable	L.F.	\$100		\$0.00
Roadway	The state of the s	arran EUETT	00 - 100 00 00 00 00 00 00 00 00 00 00 00 00		
	Relocate/raise 2 lane rural roa	L.F.	\$400	400	\$160,000.00
			Land Ever		
	Relocate/raise I-84	L.F.	\$3,000	2000	\$6,000,000.00
Property	Acquisitions				
The street of	Taking	Acre	\$500,000		\$0.00
	Construction Access	each	\$25,000		\$0.00
Environn	nental Mitigation				\$0.00
	overstander (Michiganosto ➡. Nacionagalities	L.S.	\$0		
Subtotal	Cost for Work at Location =	Arrest			\$33,017,400.00
Docian o	Dormits			250/	Ć9 3 E4 3 E0 00
Design & Incidenta				25% 23%	\$8,254,350.00
RR Prote				30%	\$7,594,002.00
Continge				40%	\$9,905,220.00
conunge	y			4070	\$13,206,960.00
Total Cos	st for Work at Location =				\$71,977,932.00

State Project Number: 302-008

Town: Brookfield Location: Berkshire Line From Mile Post: 0.31 To Mile Post: 6.07

Work Description: Install overhead traction power system including support structures, catenary, related wires, impedence bonds, and wayside substation in Brookfield on Berkshire line. Requires raising Silvermine Road and Route 25 overhead bridges.

	Solve on the Solve State				
	and the same of th		-0.00 N		
	New track structure	mile	\$1,100,000		\$0.00
i.	Realign track	mile	\$400,000		\$0.00
	Excavation	C.Y.	\$220		\$0.00
	Fill	C.Y.	\$190		\$0.00
	Install turnout	each	\$100,000		\$0.00
Traction p	ower				
	Catenary system	mile	\$1,000,000	5.76	\$5,759,469.70
	Wayside substation	each	\$4,000,000	1	\$4,000,000.00
	Supply substation	each	\$6,000,000		\$0.00
07	RTU	each	\$500,000		\$0.00
Structures			1.0000000000000000000000000000000000000		Sec. 1991
	U.G. Bridge (multi girder)	S.F.	\$2,500		\$0.00
	U.G. Bridge (through girder)	S.F.	\$2,500		\$0.00
	U.G. Bridge (through truss)	S.F.	\$6,000		\$0.00
	O.H. Roadway Bridge	S.F.	\$600	6338	\$3,802,800.00
	Pedestrian Bridge (50')	each	\$400,000		\$0.00
	Pedestrian Bridge (100')	each	\$480,000		\$0.00
	Retaining wall	S.F.	\$140		\$0.00
C&S					Service and
	Install Signal system	mile	\$2,000,000		\$0.00
	Relocate buried cables	L,F.	\$250		\$0.00
	New at grade crossing	each	\$250,000		\$0.00
	New approach circuit	each	\$15,000		\$0.00
	Modify control center	each	\$2,000,000		\$0.00
	Install cab signals	each	\$100,000	$\vdash$	\$0.00
Stations					
					•
	High level platform	L.F.	\$17,500		\$0.00
	Surface parking	space	\$10,000		\$0.00
	Sidewalk	S.F.	\$40		\$0.00
	Driveway	S.Y.	\$100	-	\$0.00
Yard	Nata Mana la citalia a	c r	62.00		60.00
	Welfare building	S.F.	\$200	$\vdash$	\$0.00
Utilities					
	Delegate equip CO es bla	1.5	¢1.00		60.00
	Relocate aerial FO cable	L.F.	\$100		\$0.00
Roadways	Relocate/raise 2 lane rural roa	L.F.	\$400	200	\$90,000,00
	Relocate/raise 2 lane rural roa	L.F.	\$600	200 325	\$80,000.00 \$195,000.00
1	Relocate/Talse Route 23	L.F.	3600	323	\$195,000.00
Property	Acquisitions				
35	Taking	Acre	\$500,000		\$0.00
	Construction Access	each	\$25,000		\$0.00
	ental Mitigation	Cucii	<b>\$25,000</b>	<del>                                     </del>	\$0.00
		L.S.	\$o		<b>90.00</b>
Subtotal (	Cost for Work at Location =		, , , ,		\$13,837,269.70
Jancocal	SOUR OF THOM BE LOCATION -				913,037,203.70
Design &	Permits			25%	\$3,459,317.42
Incidental				23%	\$3,182,572.03
RR Protec				30%	\$4,151,180.91
Contingen				40%	\$5,534,907.88
Total Cost	for Work at Location =				\$30,165,247.94

State Project Number: 302-008

Town: New Milford Location: Berkshire Line From Mile Post: 6.07 To Mile Post: 12.2

Work Description: Install overhead traction power system including support structures, catenary, related wires, impedence bonds, wayside and supply substations in New Milford on Berkshire Line. Requires raising Old Pumpkin Hill Road and Erickson Road overhead bridges.

	Item	Unit	Unit Cost	Quantity	Amount	
Track						
	New track structure	mile	\$1,100,000		\$0.00	
	Realign track	mile	\$400,000		\$0.00	
	Excavation	C.Y.	\$220		\$0.00	
	Fill	C.Y.	\$190		\$0.00	
	Install turnout	each	\$100,000		\$0.00	
Traction	A 50 C C C C C C C C C C C C C C C C C C		No.	200 (200 (200	September 2000 means	
	Catenary system	mile	\$1,000,000	6.13	\$6,129,924.24	
	Wayside substation	each	\$4,000,000	1	\$4,000,000.00	
	Supply substation	each	\$6,000,000	1	\$6,000,000.00	
	RTU	each	\$500,000		\$0.00	
Structure	THE RESERVE AND ADDRESS OF THE PARTY OF THE	620 S	Section with the		WO 99/24	
	U.G. Bridge (multi girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through truss)	S.F.	\$6,000	240.000	\$0.00	
	O.H. Roadway Bridge	S.F.	\$600	6252	\$3,751,200.00	
	Pedestrian Bridge (50')	each	\$400,000		\$0.00	
	Pedestrian Bridge (100')	each	\$480,000		\$0.00	
	Retaining wall	S.F.	\$140		\$0.00	
C&S			G		100000000000000000000000000000000000000	
	Install Signal system	mile	\$2,000,000		\$0.00	
	Relocate buried cables	L.F.	\$250		\$0.00	
	New at grade crossing	each	\$250,000		\$0.00	
	New approach circuit	each	\$15,000		\$0.00	
	Modify control center	each	\$2,000,000		\$0.00	
	Install cab signals	each	\$100,000		\$0.00	
Stations						
	550 H. H. H. W. B.		Service consideration			
	High level platform	L.F.	\$17,500		\$0.00	
	Surface parking	space	\$10,000		\$0.00	
	Sidewalk	S.F.	\$40		\$0.00	
	Driveway	S.Y.	\$100		\$0.00	
Yard	1992 July 1993		Transco			
	Welfare building	S.F.	\$200		\$0.00	
Utilities						
		20722	277.00		40.00	
_	Relocate aerial FO cable	L.F.	\$100		\$0.00	
Roadway		102			9	
	Relocate/raise 2 lane rural road	L.F.	\$400	950	\$380,000.00	
	Notice of the last	862	40		1 - Company	
	Relocate/raise I-84	L.F.	\$3,000		\$0.00	
Property	Acquisitions	2.000000	4505		NOW WILL RESIDEN	
	Taking	Acre	\$500,000		\$0.00	
	Construction Access	each	\$25,000		\$0.00	
Environm	ental Mitigation	ıc	¢o.		\$0.00	
c I · · ·		L.S.	\$0		Annari	
Subtotal	Cost for Work at Location =				\$20,261,124.24	
Design &	Permits			2.5%	\$5,065,281.06	
Incidenta				23%	\$4,660,058.58	
RR Prote				30%	\$6,078,337.27	
Continge				40%	\$8,104,449.70	
	· ·			.570	40,20.,145.70	
Total Cos	t for Work at Location =				\$44,169,250.85	

State Project Number: 302-008

Town: Norwalk Location: Ann St. From Mile Post: 0.19 To Mile Post: -

Work Description: Replace 2 track UG Bridge

	Item	Unit	Unit Cost	Quantity	Amount	
Track						
	New track structure	mile	\$1,100,000	1	\$0.00	
	Realign track	mile	\$400,000	1	\$0.00	
	Excavation	C.Y.	\$220	1	\$0.00	
	Fill	C.Y.	\$190	1	\$0.00	
	Install turnout	each	\$100,000	1	\$0.00	
Traction	THE PERSON NAMED AND ADDRESS OF THE PERSON NAMED AND ADDRESS O	Cacii	\$100,000	1	Ç0.00	
i action	Catenary system	mile	\$1,000,000	1	\$0.00	
			\$4,000,000	1		
	Wayside substation	each		1	\$0.00	
	Supply substation	each	\$6,000,000	1	\$0.00	
	RTU	each	\$500,000	<del>                                     </del>	\$0.00	
Structur			4	1		
	U.G. Bridge (multi girder)	S.F.	\$2,500	272272727	\$0.00	
	U.G. Bridge (through girder)	S.F.	\$2,500	3540	\$8,850,000.00	
	U.G. Bridge (through truss)	S.F.	\$6,000	1	\$0.00	
	O.H. Roadway Bridge	S.F.	\$600	1 1	\$0.00	
	Pedestrian Bridge (50')	each	\$400,000		\$0.00	
	Pedestrian Bridge (100')	each	\$480,000		\$0.00	
	Retaining wall	S.F.	\$140		\$0.00	
C&S			X4		-38	
	Install Signal system	mile	\$2,000,000	1 1	\$0.00	
	Relocate buried cables	L.F.	\$250	1	\$0.00	
	New at grade crossing	each	\$250,000	1 1	\$0.00	
	New approach circuit	each	\$15,000	1	\$0.00	
	Modify control center	each	\$2,000,000	1	\$0.00	
	Install cab signals	each	\$100,000	1 1	\$0.00	
Stations		CGCII	\$100,000	1 1	90.00	
Stations				1		
	High level platform	L.F.	\$17,500	1	\$0.00	
			The state of the s	1	\$ OUNCOME:	
	Surface parking	space	\$10,000	1 1	\$0.00	
	Sidewalk	S.F.	\$40	1 1	\$0.00	
	Driveway	S.Y.	\$100	<del>                                     </del>	\$0.00	
Yard			4	1	(40000)	
	Welfare building	S.F.	\$200	<b>—</b>	\$0.00	
Utilities						
			1965	1 1	1	
	Relocate aerial FO cable	L.F.	\$100		\$0.00	
Roadwa	ys					
	Relocate/raise 2 lane rural road	L.F.	\$400	1 1	\$0.00	
				1		
	Relocate/raise I-84	L.F.	\$3,000		\$0.00	
Property	/ Acquisitions		8		William and	
	Taking	Acre	\$500,000		\$0.00	
	Construction Access	each	\$25,000		\$0.00	
Fnvironr	mental Mitigation		<b>\$20,000</b>	<del>                                     </del>	\$0.00	
Liivii Oili	nental Magadon	L.S.	\$0	1 1	ψο.σσ	
Cubtotal	Cost for Work at Location =	L.J.	Ç0		\$6.0E0.000.00	
ountotal	COST IOL MADLE OF FOCATION =				\$8,850,000.00	
Design 8	k Permits			25%	\$2,212,500.00	
Incident				23%	\$2,035,500.00	
inciaent RR Prote						
				30%	\$2,655,000.00	
Continge	ency			40%	\$3,540,000.00	
T-4-1-0					410.000.000.00	
otal Co	st for Work at Location =				\$19,293,000.00	

Town: Wilton Location: Brook From Mile Post: 5.12 To Mile Post: -

Work Description: Replace existing UG bridge

	Item	Unit	Unit Cost	Quantity	Amount	
Track						
	New track structure	mile	\$1,100,000		\$0.00	
	Realign track	mile	\$400,000		\$0.00	
	Excavation	C.Y.	\$220		\$0.00	
	Fill	C.Y.	\$190		\$0.00	
	Install turnout	each	\$100,000		\$0.00	
Traction	power					
	Catenary system	mile	\$1,000,000		\$0.00	
	Wayside substation	each	\$4,000,000		\$0.00	
	Supply substation	each	\$6,000,000		\$0.00	
	RTU	each	\$500,000		\$0.00	
Structure	es					
	U.G. Bridge (multi girder)	S.F.	\$2,500	306	\$765,000.00	
	U.G. Bridge (through girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through truss)	S.F.	\$6,000		\$0.00	
	O.H. Roadway Bridge	S.F.	\$600		\$0.00	
	Pedestrian Bridge (50')	each	\$400,000		\$0.00	
	Pedestrian Bridge (100')	each	\$480,000		\$0.00	
	Retaining wall	S.F.	\$140		\$0.00	
C&S						
	Install Signal system	mile	\$2,000,000		\$0.00	
	Relocate buried cables	L.F.	\$250		\$0.00	
	New at grade crossing	each	\$250,000		\$0.00	
	New approach circuit	each	\$15,000		\$0.00	
	Modify control center	each	\$2,000,000		\$0.00	
	Install cab signals	each	\$100,000		\$0.00	
Stations	-					
	High level platform	L.F.	\$17,500		\$0.00	
	Surface parking	space	\$10,000		\$0.00	
	Sidewalk	S.F.	\$40		\$0.00	
	Driveway	S.Y.	\$100		\$0.00	
Yard						
	Welfare building	S.F.	\$200		\$0.00	
Utilities						
	Relocate aerial FO cable	L.F.	\$100		\$0.00	
Roadway	s					
	Relocate/raise 2 lane rural road	L.F.	\$400		\$0.00	
			uther real PATAVIII		70000000000000000000000000000000000000	
	Relocate/raise I-84	L.F.	\$3,000		\$0.00	
Property	Acquisitions					
-	Taking	Acre	\$500,000		\$0.00	
	Construction Access	each	\$25,000		\$0.00	
Environm	nental Mitigation		55		\$0.00	
		L.S.	\$0		-104-5-1009	
Subtotal Cost for Work at Location =					\$765,000.00	
Design & Permits				25%	\$191,250.00	
Incidentals				23%	\$191,250.00	
RR Protection				2000 A V CONT		
RR Protection Contingency				30% 40%	\$229,500.00 \$306,000.00	
	<del></del>			40%	\$500,000.00	
Total Cost for Work at Location =					\$1,667,700.00	

Town: Wilton Location: Stream From Mile Post: 6.43 To Mile Post: -

	ltem	Unit	Unit Cost	Quantity	Amount	
Track		2	2			
	New track structure	mile	\$1,100,000		\$0.00	
	Realign track	mile	\$400,000		\$0.00	
	Excavation	C.Y.	\$220		\$0.00	
	Fill	C.Y.	\$190		\$0.00	
	Install turnout	each	\$100,000		\$0.00	
Traction p	power		Macon Independent exchange			
	Catenary system	mile	\$1,000,000		\$0.00	
	Wayside substation	each	\$4,000,000		\$0.00	
	Supply substation	each	\$6,000,000		\$0.00	
	RTU	each	\$500,000		\$0.00	
Structure	s		69	2		
	U.G. Bridge (multi girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through girder)	S.F.	\$2,500	756	\$1,890,000.00	
	U.G. Bridge (through truss)	S.F.	\$6,000		\$0.00	
	O.H. Roadway Bridge	S.F.	\$600		\$0.00	
	Pedestrian Bridge (50')	each	\$400,000		\$0.00	
	Pedestrian Bridge (100')	each	\$480,000		\$0.00	
	Retaining wall	S.F.	\$140		\$0.00	
C&S						
	Install Signal system	mile	\$2,000,000		\$0.00	
	Relocate buried cables	L.F.	\$250		\$0.00	
	New at grade crossing	each	\$250,000		\$0.00	
	New approach circuit	each	\$15,000		\$0.00	
	Modify control center	each	\$2,000,000		\$0.00	
	Install cab signals	each	\$100,000		\$0.00	
Stations						
	High level platform	L.F.	\$17,500		\$0.00	
	Surface parking	space	\$10,000		\$0.00	
	Sidewalk	S.F.	\$40		\$0.00	
	Driveway	S.Y.	\$100		\$0.00	
Yard			Sec.			
	Welfare building	S.F.	\$200		\$0.00	
Utilities						
			92			
	Relocate aerial FO cable	L.F.	\$100	2)	\$0.00	
Roadway			20000			
	Relocate/raise 2 lane rural road	L.F.	\$400		\$0.00	
	G8758 - 620 SE SEAN	30.000	V-10 (mar m		19	
	Relocate/raise I-84	L.F.	\$3,000		\$0.00	
Property	Acquisitions				2	
	Taking	Acre	\$500,000		\$0.00	
	Construction Access	each	\$25,000		\$0.00	
Environm	nental Mitigation		ća		\$0.00	
C	Cont for Maril, at 1 the	L.S.	\$0		£1.000.000.00	
Subtotal	Cost for Work at Location =				\$1,890,000.00	
Design &	Permits			25%	\$472,500.00	
Incidenta				23%	\$434,700.00	
RR Prote				30%	\$567,000.00	
Continger				40%	\$756,000.00	
				constitution	ಕುಬಡಡ, ಎಲೆಡೆಡೆಡ	
	t for Work at Location =				\$4,120,200.00	

Town: Wilton Location: Norwalk River From Mile Post: 8.7 To Mile Post: -

	Item	Unit	Unit Cost	Quantity	Amount	
Track				•		
	New track structure	mile	\$1,100,000		\$0.00	
	Realign track	mile	\$400,000		\$0.00	
	Excavation	C.Y.	\$220		\$0.00	
	Fill	C.Y.	\$190		\$0.00	
	Install turnout	each	\$100,000		\$0.00	
Traction	power					
	Catenary system	mile	\$1,000,000		\$0.00	
	Wayside substation	each	\$4,000,000		\$0.00	
	Supply substation	each	\$6,000,000		\$0.00	
	RTU	each	\$500,000		\$0.00	
Structure	es					
	U.G. Bridge (multi girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through girder)	S.F.	\$2,500	1240	\$3,100,000.00	
	U.G. Bridge (through truss)	S.F.	\$6,000		\$0.00	
	O.H. Roadway Bridge	S.F.	\$600		\$0.00	
	Pedestrian Bridge (50')	each	\$400,000		\$0.00	
	Pedestrian Bridge (100')	each	\$480,000		\$0.00	
	Retaining wall	S.F.	\$140		\$0.00	
C&S	-					
	Install Signal system	mile	\$2,000,000		\$0.00	
	Relocate buried cables	L.F.	\$250		\$0.00	
	New at grade crossing	each	\$250,000		\$0.00	
	New approach circuit	each	\$15,000		\$0.00	
	Modify control center	each	\$2,000,000		\$0.00	
	Install cab signals	each	\$100,000		\$0.00	
Stations						
	High level platform	L.F.	\$17,500		\$0.00	
	Surface parking	space	\$10,000		\$0.00	
	Sidewalk	S.F.	\$40		\$0.00	
	Driveway	S.Y.	\$100		\$0.00	
Yard						
	Welfare building	S.F.	\$200		\$0.00	
Utilities						
	Relocate aerial FO cable	L.F.	\$100		\$0.00	
Roadway	rs					
	Relocate/raise 2 lane rural road	L.F.	\$400		\$0.00	
	Relocate/raise I-84	L.F.	\$3,000		\$0.00	
Property	Acquisitions					
	Taking	Acre	\$500,000		\$0.00	
	Construction Access	each	\$25,000		\$0.00	
Environn	nental Mitigation				\$0.00	
	na ann ann an Aireann a	L.S.	\$0		999 F9300090-654	
Subtotal	Cost for Work at Location =				\$3,100,000.00	
Design &				25%	\$775,000.00	
Incidenta				23%	\$713,000.00	
RR Prote				30%	\$930,000.00	
Continge	ency			40%	\$1,240,000.00	
Total Cos	st for Work at Location =				\$6,758,000.00	
. Otal COS	AL TOT VY OTK OL LOCALIUTT -				70,730,000.00	

Location: Norwalk River From Mile Post: 9.42 To Mile Post: -

	ltem	Unit	Unit Cost	Quantity	Amount	
Track						
	New track structure	mile	\$1,100,000		\$0.00	
	Realign track	mile	\$400,000		\$0.00	
	Excavation	C.Y.	\$220		\$0.00	
	Fill	C.Y.	\$190		\$0.00	
	Install turnout	each	\$100,000		\$0.00	
Traction	power		St. de les de la company		56	
	Catenary system	mile	\$1,000,000		\$0.00	
	Wayside substation	each	\$4,000,000		\$0.00	
	Supply substation	each	\$6,000,000		\$0.00	
	RTU	each	\$500,000		\$0.00	
Structure			2.1400-02.00200		11844.5	
	U.G. Bridge (multi girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through girder)	S.F.	\$2,500	1848	\$4,620,000.00	
	U.G. Bridge (through truss)	S.F.	\$6,000		\$0.00	
	O.H. Roadway Bridge	S.F.	\$600		\$0.00	
	Pedestrian Bridge (50')	each	\$400,000		\$0.00	
	Pedestrian Bridge (100')	each	\$480,000		\$0.00	
	Retaining wall	S.F.	\$140		\$0.00	
C&S					2000	
	Install Signal system	mile	\$2,000,000		\$0.00	
	Relocate buried cables	L.F.	\$250		\$0.00	
	New at grade crossing	each	\$250,000		\$0.00	
	New approach circuit	each	\$15,000		\$0.00	
	Modify control center	each	\$2,000,000		\$0.00	
	Install cab signals	each	\$100,000		\$0.00	
Stations						
		10.00	***************************************			
	High level platform	L.F.	\$17,500		\$0.00	
	Surface parking	space	\$10,000		\$0.00	
	Sidewalk	S.F.	\$40		\$0.00	
	Driveway	S.Y.	\$100		\$0.00	
Yard	anzers de Learne		4000			
	Welfare building	S.F.	\$200		\$0.00	
Utilities						
	D. 1		4400			
n 1	Relocate aerial FO cable	L.F.	\$100	-	\$0.00	
Roadway	CONTROL OF THE PART OF THE PAR		6400		40.55	
	Relocate/raise 2 lane rural road	L.F.	\$400		\$0.00	
	Relocate/raise I-84	1 =	¢3.000		¢0.00	
Droport	The National Control of the Property Control of the State	L.F.	\$3,000		\$0.00	
roperty	Acquisitions	Acre	\$500,000		\$0.00	
	Taking Construction Assess		\$25,000		\$0.00	
Environn	Construction Access nental Mitigation	each	\$23,000		\$0.00	
LIIVITONN	nental Minikanon	L.S.	\$0		ŞU.UU	
Cubtotal	Cost for Work at Location =	L.J.	ΨU		\$4.620.000.00	
Subtotal	COSE FOR WORK ALLOCATION =				\$4,620,000.00	
Desi 0	Downits			250/	Ć1 1EE 000 00	
	Permits			25%	\$1,155,000.00	
Incidenta				23%	\$1,062,600.00	
RR Prote				30%	\$1,386,000.00	
Continge	ятсу			40%	\$1,848,000.00	
Tatal C	at fau Maule at Lati				¢10.071.000.00	
TOTAL COS	st for Work at Location =				\$10,071,600.00	

Town: Wilton Location: Norwalk River From Mile Post: 11.55 To Mile Post: -

	Item	Unit	Unit Cost	Quantity	Amount	- °
Track						
200 ESSERIA	New track structure	mile	\$1,100,000		\$0.00	
	Realign track	mile	\$400,000		\$0.00	
	Excavation	C.Y.	\$220		\$0.00	
	Fill	C.Y.	\$190		\$0.00	
	Install turnout	each	\$100,000		\$0.00	
Traction	power	1700 St. 1 (10 Mr 20 1)				
	Catenary system	mile	\$1,000,000		\$0.00	
	Wayside substation	each	\$4,000,000		\$0.00	
	Supply substation	each	\$6,000,000		\$0.00	
	RTU	each	\$500,000		\$0.00	
Structure	es					
	U.G. Bridge (multi girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through girder)	S.F.	\$2,500	3586	\$8,965,000.00	
	U.G. Bridge (through truss)	S.F.	\$6,000	A VACORIONIST BASIS IN	\$0.00	
	O.H. Roadway Bridge	S.F.	\$600		\$0.00	
	Pedestrian Bridge (50')	each	\$400,000		\$0.00	
	Pedestrian Bridge (100')	each	\$480,000		\$0.00	
	Retaining wall	S.F.	\$140		\$0.00	
C&S	-					
California (SATON)	Install Signal system	mile	\$2,000,000		\$0.00	
	Relocate buried cables	L.F.	\$250		\$0.00	
	New at grade crossing	each	\$250,000		\$0.00	
	New approach circuit	each	\$15,000		\$0.00	
	Modify control center	each	\$2,000,000		\$0.00	
	Install cab signals	each	\$100,000		\$0.00	
Stations						
	High level platform	L.F.	\$17,500		\$0.00	
	Surface parking	space	\$10,000		\$0.00	
	Sidewalk	S.F.	\$40		\$0.00	
	Driveway	S.Y.	\$100		\$0.00	
Yard						
	Welfare building	S.F.	\$200		\$0.00	
Utilities						
			w			
	Relocate aerial FO cable	L.F.	\$100		\$0.00	
Roadway	rs					
100	Relocate/raise 2 lane rural road	L.F.	\$400		\$0.00	
	Relocate/raise I-84	L.F.	\$3,000		\$0.00	
Property	Acquisitions					
	Taking	Acre	\$500,000		\$0.00	
	Construction Access	each	\$25,000		\$0.00	
Environn	nental Mitigation				\$0.00	
and the second s		L.S.	\$0			
Subtotal	Cost for Work at Location =				\$8,965,000.00	
n	Permulan			250/	62 244 250 05	
Design &				25%	\$2,241,250.00	
Incidenta				23%	\$2,061,950.00	
RR Prote				30%	\$2,689,500.00	
Continge	ncy			40%	\$3,586,000.00	
Total Cos	t for Work at Location =			•	\$19,543,700.00	
A CONTRACTOR OF THE PARTY OF TH	White the state of				A STATE OF THE STA	

Town: Wilton Location: Factory Pond From Mile Post: 12.17 To Mile Post: -

	Item	Unit	Unit Cost	Quantity	Amount	
Track	1905 - 190	100	9-00 May 1-1-1		200	
	New track structure	mile	\$1,100,000		\$0.00	
	Realign track	mile	\$400,000		\$0.00	
	Excavation	C.Y.	\$220		\$0.00	
	Fill	C.Y.	\$190		\$0.00	
	Install turnout	each	\$100,000		\$0.00	
Traction	- red Total services	ma illar	61 000 000		60.00	
	Catenary system	mile	\$1,000,000		\$0.00	
	Wayside substation Supply substation	each each	\$4,000,000 \$6,000,000		\$0.00	
	RTU	each	\$500,000		\$0.00 \$0.00	
Structure		eacii	\$300,000		\$0.00	
Structure	U.G. Bridge (multi girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through girder)	S.F.	\$2,500	1020	\$2,550,000.00	
	U.G. Bridge (through truss)	S.F.	\$6,000	1020	\$0.00	
	O.H. Roadway Bridge	S.F.	\$600		\$0.00	
	Pedestrian Bridge (50')	each	\$400,000		\$0.00	
	Pedestrian Bridge (100')	each	\$480,000		\$0.00	
	Retaining wall	S.F.	\$140		\$0.00	
C&S			<b>,</b>		40.00	
500000000000000000000000000000000000000	Install Signal system	mile	\$2,000,000		\$0.00	
	Relocate buried cables	L.F.	\$250		\$0.00	
	New at grade crossing	each	\$250,000		\$0.00	
	New approach circuit	each	\$15,000		\$0.00	
	Modify control center	each	\$2,000,000		\$0.00	
	Install cab signals	each	\$100,000		\$0.00	
Stations						
	10 November 20 No. 1000 1000 1000 1000 1000 1000 1000 10		Address in Company		4860	
	High level platform	L.F.	\$17,500		\$0.00	
	Surface parking	space	\$10,000		\$0.00	
	Sidewalk	S.F.	\$40		\$0.00	
7007	Driveway	S.Y.	\$100		\$0.00	
Yard			4			
Utilities	Welfare building	S.F.	\$200		\$0.00	
Utilities						
	Relocate aerial FO cable	L.F.	\$100		\$0.00	
Roadway	COLADAY CARLLER COSTA COLOS MAIS CONTRACA ANALAS AND RESPONDENTAL SOLICI	L.I.	Ş100		Ş0.00	,
noud way	Relocate/raise 2 lane rural road	L.F.	\$400		\$0.00	
	Nelocuto, ruise z iune rurur roue	, man and	<b>V</b> 100		φοίου	
	Relocate/raise I-84	L.F.	\$3,000		\$0.00	
Property	Acquisitions		*****		28.000/0000000	
	Taking	Acre	\$500,000		\$0.00	
	Construction Access	each	\$25,000		\$0.00	
Environn	nental Mitigation				\$0.00	
		L.S.	\$0			
Subtotal	Cost for Work at Location =			F	\$2,550,000.00	ē.
Design &	Permits			25%	\$637,500.00	
Incidenta				23%	\$586,500.00	
RR Prote				30%	\$765,000.00	
Continge				40%	\$1,020,000.00	
	00.04				7-//555155	
Total Cos	t for Work at Location =				\$5,559,000.00	

Town: Redding Location: Old Redding Rd. From Mile Post: 14.16 To Mile Post: -

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Town: Redding

Location: Umpawaug Pond Brook

From Mile Post: 16.41 To Mile Post: -

	Item	Unit	Unit Cost	Quantity	Amount	
Track	Series					
	New track structure	mile	\$1,100,000		\$0.00	
	Realign track	mile	\$400,000		\$0.00	
	Excavation	C.Y.	\$220		\$0.00	
	Fill	C.Y.	\$190		\$0.00	
	Install turnout	each	\$100,000		\$0.00	
Traction	power		520.000			
	Catenary system	mile	\$1,000,000		\$0.00	
	Wayside substation	each	\$4,000,000		\$0.00	
	Supply substation	each	\$6,000,000		\$0.00	
	RTU	each	\$500,000		\$0.00	
Structure	AND THE PERSON NAMED IN COLUMN TO SERVICE AND THE PERSON NAMED IN COLUMN					
	U.G. Bridge (multi girder)	S.F.	\$2,500	558	\$1,395,000.00	
	U.G. Bridge (through girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through truss)	S.F.	\$6,000		\$0.00	
	O.H. Roadway Bridge	S.F.	\$600		\$0.00	
	Pedestrian Bridge (50')	each	\$400,000		\$0.00	
	Pedestrian Bridge (100')	each	\$480,000		\$0.00	
	Retaining wall	S.F.	\$140	4	\$0.00	
C&S						
	Install Signal system	mile	\$2,000,000		\$0.00	
	Relocate buried cables	L.F.	\$250		\$0.00	
	New at grade crossing	each	\$250,000		\$0.00	
	New approach circuit	each	\$15,000		\$0.00	
	Modify control center	each	\$2,000,000		\$0.00	
	Install cab signals	each	\$100,000		\$0.00	
Stations	-					
	High level platform	L.F.	\$17,500		\$0.00	
	Surface parking	space	\$10,000		\$0.00	
	Sidewalk	S.F.	\$40		\$0.00	
	Driveway	S.Y.	\$100		\$0.00	
Yard						
	Welfare building	S.F.	\$200		\$0.00	
Utilities						
	Relocate aerial FO cable	L.F.	\$100	4	\$0.00	
Roadway	rs					
35	Relocate/raise 2 lane rural road	L.F.	\$400		\$0.00	
	Relocate/raise I-84	L.F.	\$3,000		\$0.00	
Property	Acquisitions		100			
	Taking	Acre	\$500,000		\$0.00	
	Construction Access	each	\$25,000		\$0.00	
Environm	nental Mitigation				\$0.00	
		L.S.	\$0			
Subtotal	Cost for Work at Location =				\$1,395,000.00	
Design &	Permits			25%	\$348,750.00	
ncidenta				23%	\$320,850.00	
RR Prote				30%	\$418,500.00	
Continge				40%	\$558,000.00	
	,			70/0	9550,000.00	

Town: Redding Location: Saugatuck River From Mile Post: 17.09 To Mile Post: -

	ltem	Unit	Unit Cost	Quantity	Amount	
Track						
	New track structure	mile	\$1,100,000		\$0.00	
	Realign track	mile	\$400,000		\$0.00	
	Excavation	C.Y.	\$220		\$0.00	
	Fill	C.Y.	\$190		\$0.00	
	Install turnout	each	\$100,000		\$0.00	
Traction	power					
	Catenary system	mile	\$1,000,000		\$0.00	
	Wayside substation	each	\$4,000,000		\$0.00	
	Supply substation	each	\$6,000,000		\$0.00	
	RTU	each	\$500,000		\$0.00	
Structur	es		60			
	U.G. Bridge (multi girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through girder)	S.F.	\$2,500	1020	\$2,550,000.00	
	U.G. Bridge (through truss)	S.F.	\$6,000		\$0.00	
	O.H. Roadway Bridge	S.F.	\$600		\$0.00	
	Pedestrian Bridge (50')	each	\$400,000		\$0.00	
	Pedestrian Bridge (100')	each	\$480,000		\$0.00	
	Retaining wall	S.F.	\$140		\$0.00	
C&S						
	Install Signal system	mile	\$2,000,000		\$0.00	
	Relocate buried cables	L.F.	\$250		\$0.00	
	New at grade crossing	each	\$250,000		\$0.00	
	New approach circuit	each	\$15,000		\$0.00	
	Modify control center	each	\$2,000,000		\$0.00	
	Install cab signals	each	\$100,000		\$0.00	
Stations						
	High level platform	L.F.	\$17,500		\$0.00	
	Surface parking	space	\$10,000		\$0.00	
	Sidewalk	S.F.	\$40		\$0.00	
	Driveway	S.Y.	\$100		\$0.00	
Yard						
	Welfare building	S.F.	\$200		\$0.00	
Utilities						
	Relocate aerial FO cable	L.F.	\$100		\$0.00	
Roadwa	ys					
	Relocate/raise 2 lane rural road	L.F.	\$400		\$0.00	
			Davis			
	Relocate/raise I-84	L.F.	\$3,000		\$0.00	
Property	/ Acquisitions		· Programme various and a		1,500,000	
	Taking	Acre	\$500,000		\$0.00	
	Construction Access	each	\$25,000		\$0.00	
Environ	mental Mitigation				\$0.00	
		L.S.	\$0			
Subtotal	Cost for Work at Location =				\$2,550,000.00	
Design 8	k Permits			25%	\$637,500.00	
Incident				23%	\$586,500.00	
RR Prote				30%	\$765,000.00	
Continge				40%	\$1,020,000.00	
				1370	<b>\$2,525,500.00</b>	
Total Co	st for Work at Location =				\$5,559,000.00	
	AND THE PROPERTY OF THE PROPER				urban processor Recognies VMISSES	

Town: Bethel Location: Route 53 From Mile Post: 19.64 To Mile Post: -

	Item	Unit	Unit Cost	Quantity	Amount	
Track		311975	Maria California and Sec.		.001	
	New track structure	mile	\$1,100,000		\$0.00	
	Realign track	mile	\$400,000		\$0.00	
	Excavation	C.Y.	\$220		\$0.00	
	Fill	C.Y.	\$190		\$0.00	
	Install turnout	each	\$100,000		\$0.00	
Traction		Agr			20000000	
	Catenary system	mile	\$1,000,000		\$0.00	
	Wayside substation	each	\$4,000,000		\$0.00	
	Supply substation	each	\$6,000,000		\$0.00	
201 11	RTU	each	\$500,000		\$0.00	
Structur	AND CONTRACTOR OF THE CONTRACT		4			
	U.G. Bridge (multi girder)	S.F.	\$2,500	10272020	\$0.00	
	U.G. Bridge (through girder)	S.F.	\$2,500	860	\$2,150,000.00	
	U.G. Bridge (through truss)	S.F.	\$6,000		\$0.00	
	O.H. Roadway Bridge	S.F.	\$600		\$0.00	
	Pedestrian Bridge (50')	each	\$400,000		\$0.00	
	Pedestrian Bridge (100')	each	\$480,000		\$0.00	
50.5	Retaining wall	S.F.	\$140		\$0.00	
C&S	70 14 14 14 14 14 14 14 14 14 14 14 14 14	10.00	4		70 <u>0</u> 050000000	
	Install Signal system	mile	\$2,000,000		\$0.00	
	Relocate buried cables	L.F.	\$250		\$0.00	
	New at grade crossing	each	\$250,000		\$0.00	
	New approach circuit	each	\$15,000		\$0.00	
	Modify control center	each	\$2,000,000		\$0.00	
	Install cab signals	each	\$100,000		\$0.00	
Stations						
	W. D. Z	1000				
	High level platform	L.F.	\$17,500		\$0.00	
	Surface parking	space	\$10,000		\$0.00	
	Sidewalk	S.F.	\$40		\$0.00	
	Driveway	S.Y.	\$100		\$0.00	
Yard	And the second contractions		4			
	Welfare building	S.F.	\$200		\$0.00	
Utilities						
	B 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1		4400			
-	Relocate aerial FO cable	L.F.	\$100		\$0.00	
Roadwa	AND THE RESERVE THE PROPERTY OF THE PARTY OF		<b>6400</b>		40.55	
	Relocate/raise 2 lane rural road	L.F.	\$400		\$0.00	
	D-1	1.5	62.000		60.00	
Du ave	Relocate/raise I-84	L.F.	\$3,000		\$0.00	2
Property	/ Acquisitions	A	¢500,000		60.00	
	Taking	Acre	\$500,000		\$0.00	
Emiliano	Construction Access	each	\$25,000		\$0.00	
Environ	mental Mitigation	1 5	\$0		\$0.00	
Culater	Coat for More at 1 time	L.S.	J \$0		¢2.450.000.00	<u> </u>
Suptotal	Cost for Work at Location =				\$2,150,000.00	
Docies C	k Permits			2E0/	¢527 500 00	
Incident				25%	\$537,500.00	
				23%	\$494,500.00	
RR Prote				30%	\$645,000.00	
Continge	ancy			40%	\$860,000.00	
Total C	at fan Mark at Lati			<u> </u>	£4 CO7 COC CC	l.
TOTAL CO	st for Work at Location =				\$4,687,000.00	

Town: Bethel Location: Stream From Mile Post: 21.41 To Mile Post: -

	ltem	Unit	Unit Cost	Quantity	Amount	
Track	DISTRICT THE PROPERTY OF THE P	707			22200 EV (1517)	
1	New track structure	mile	\$1,100,000		\$0.00	
F	Realign track	mile	\$400,000		\$0.00	
	xcavation	C.Y.	\$220		\$0.00	
F	=iII	C.Y.	\$190		\$0.00	
i	nstall turnout	each	\$100,000		\$0.00	
Traction po	ower					
	Catenary system	mile	\$1,000,000		\$0.00	
	Wayside substation	each	\$4,000,000		\$0.00	
	Supply substation	each	\$6,000,000		\$0.00	
	RTU	each	\$500,000		\$0.00	
Structures	2				W. W	
l	J.G. Bridge (multi girder)	S.F.	\$2,500	432	\$1,080,000.00	
	J.G. Bridge (through girder)	S.F.	\$2,500	- 50755145	\$0.00	
	J.G. Bridge (through truss)	S.F.	\$6,000		\$0.00	
	D.H. Roadway Bridge	S.F.	\$600		\$0.00	
	Pedestrian Bridge (50')	each	\$400,000		\$0.00	
	Pedestrian Bridge (100')	each	\$480,000		\$0.00	
	Retaining wall	S.F.	\$140		\$0.00	
C&S					V. 13.—2	
Ī	nstall Signal system	mile	\$2,000,000		\$0.00	
	Relocate buried cables	L.F.	\$250		\$0.00	
	New at grade crossing	each	\$250,000		\$0.00	
	New approach circuit	each	\$15,000		\$0.00	
ı	Modify control center	each	\$2,000,000		\$0.00	
	nstall cab signals	each	\$100,000		\$0.00	
Stations						
i i	High level platform	L.F.	\$17,500		\$0.00	
9	Surface parking	space	\$10,000		\$0.00	
9	Sidewalk	S.F.	\$40		\$0.00	
1	Driveway	S.Y.	\$100		\$0.00	
Yard						
1	Welfare building	S.F.	\$200		\$0.00	
Utilities						
F	Relocate aerial FO cable	L.F.	\$100		\$0.00	
Roadways						
F	Relocate/raise 2 lane rural road	L.F.	\$400		\$0.00	
F	Relocate/raise I-84	L.F.	\$3,000		\$0.00	
Property A	cquisitions					
-	Taking	Acre	\$500,000		\$0.00	
(	Construction Access	each	\$25,000		\$0.00	
Environme	ntal Mitigation				\$0.00	
		L.S.	\$0			
Subtotal Co	ost for Work at Location =				\$1,080,000.00	
<u> </u>	•			2022		
Design & P				25%	\$270,000.00	
Incidentals				23%	\$248,400.00	
RR Protect				30%	\$324,000.00	
Contingend	<b>-</b> y			40%	\$432,000.00	
Total Cost	for Work at Location =				\$2,354,400.00	

Project: Danbury Branch Improvement Program State Project Number: 302-008 Town: Danbury

Location: Still River From Mile Post: 22.39 To Mile Post: -

	ltem	Unit	Unit Cost	Quantity	Amount
Track					
	New track structure	mile	\$1,100,000		\$0.00
	Realign track	mile	\$400,000		\$0.00
	Excavation	C.Y.	\$220		\$0.00
	Fill	C.Y.	\$190		\$0.00
	Install turnout	each	\$100,000		\$0.00
Traction	power				
	Catenary system	mile	\$1,000,000		\$0.00
	Wayside substation	each	\$4,000,000		\$0.00
	Supply substation	each	\$6,000,000		\$0.00
	RTU	each	\$500,000		\$0.00
Structure	3/70				8.35
	U.G. Bridge (multi girder)	S.F.	\$2,500		\$0.00
	U.G. Bridge (through girder)	S.F.	\$2,500	3124	\$7,810,000.00
	U.G. Bridge (through truss)	S.F.	\$6,000		\$0.00
	O.H. Roadway Bridge	S.F.	\$600		\$0.00
	Pedestrian Bridge (50')	each	\$400,000		\$0.00
	Pedestrian Bridge (100')	each	\$480,000		\$0.00
	Retaining wall	S.F.	\$140		\$0.00
C&S			100		Mark States and States
	Install Signal system	mile	\$2,000,000		\$0.00
	Relocate buried cables	L.F.	\$250		\$0.00
	New at grade crossing	each	\$250,000		\$0.00
	New approach circuit	each	\$15,000		\$0.00
	Modify control center	each	\$2,000,000		\$0.00
Value - 1 - 100	Install cab signals	each	\$100,000		\$0.00
Stations					
		1427-1945			Weight recome
	High level platform	L.F.	\$17,500		\$0.00
	Surface parking	space	\$10,000		\$0.00
	Sidewalk	S.F.	\$40		\$0.00
C-Secondary	Driveway	S.Y.	\$100		\$0.00
Yard			4		
	Welfare building	S.F.	\$200		\$0.00
Utilities					
			4400		
n 1	Relocate aerial FO cable	L.F.	\$100		\$0.00
Roadway			4.00		10.00
	Relocate/raise 2 lane rural road	L.F.	\$400		\$0.00
	5.1		<b>42.000</b>		
	Relocate/raise I-84	L.F.	\$3,000		\$0.00
roperty	Acquisitions	A ===	ĆE00 000		¢0.00
	Taking Construction Access	Acre	\$500,000 \$25,000		\$0.00 \$0.00
Farders		each	\$25,000		\$0.00
Environn	nental Mitigation	L.S.	\$0		\$0.00
Subtotal	Cost for Work at Location =	L.J.	Ų		\$7,910,000,00
Subtotal	COST IOL MOLK AT FOCATION =				\$7,810,000.00
Decian o	Permits			25%	\$1,952,500,00
Incidenta				23%	\$1,952,500.00 \$1,796,300.00
RR Prote				30%	\$2,343,000.00
Continge				40%	\$2,343,000.00
Continge	нсу			40/0	\$3,124,000.00
Total Co	st for Work at Location =				\$17,025,800.00
iotal Cos	st for work at Location =				\$17,025,80U.UU

State Project Number: 302-008

Town: Danbury Location: Still River From Mile Post: 79.65 To Mile Post: -

	Item	Unit	Unit Cost	Quantity	Amount
Track	1197455650		7.000 T.T.T.T.T.		TATE OF THE PARTY
	New track structure	mile	\$1,100,000		\$0.00
	Realign track	mile	\$400,000		\$0.00
	Excavation	C.Y.	\$220		\$0.00
	Fill	C.Y.	\$190		\$0.00
	Install turnout	each	\$100,000		\$0.00
Traction			The second secon		
1975 - 1812 - 1954 - 1955	Catenary system	mile	\$1,000,000		\$0.00
	Wayside substation	each	\$4,000,000		\$0.00
	Supply substation	each	\$6,000,000		\$0.00
	RTU	each	\$500,000		\$0.00
Structure	es				
-,,,,,,,,,,,,,-	U.G. Bridge (multi girder)	S.F.	\$2,500		\$0.00
	U.G. Bridge (through girder)	S.F.	\$2,500		\$0.00
	U.G. Bridge (through truss)	S.F.	\$6,000	8400	\$50,400,000.00
	O.H. Roadway Bridge	S.F.	\$600	1000000	\$0.00
	Pedestrian Bridge (50')	each	\$400,000		\$0.00
	Pedestrian Bridge (100')	each	\$480,000		\$0.00
	Retaining wall	S.F.	\$140		\$0.00
C&S		51.3	- <b>1</b> 0000150		31 ASSOCIATION
in the second	Install Signal system	mile	\$2,000,000		\$0.00
	Relocate buried cables	L.F.	\$250		\$0.00
	New at grade crossing	each	\$250,000		\$0.00
	New approach circuit	each	\$15,000		\$0.00
	Modify control center	each	\$2,000,000		\$0.00
	Install cab signals	each	\$100,000		\$0.00
Stations	Ü				
	High level platform	L.F.	\$17,500		\$0.00
	Surface parking	space	\$10,000		\$0.00
	Sidewalk	S.F.	\$40		\$0.00
	Driveway	S.Y.	\$100		\$0.00
Yard	•				
	Welfare building	S.F.	\$200		\$0.00
Utilities					3 10 10 10 10 10 10 10 10 10 10 10 10 10
	Relocate aerial FO cable	L.F.	\$100		\$0.00
Roadway	/s				
16	Relocate/raise 2 lane rural road	L.F.	\$400		\$0.00
	Relocate/raise I-84	L.F.	\$3,000		\$0.00
Property	Acquisitions				
	Taking	Acre	\$500,000		\$0.00
	Construction Access	each	\$25,000		\$0.00
Environn	nental Mitigation				\$0.00
		L.S.	\$0		**************************************
Subtotal	Cost for Work at Location =				\$50,400,000.00
					region of the Control of the State of Control of Contro
Design &	Permits			25%	\$12,600,000.00
Incidenta				23%	\$11,592,000.00
RR Prote				30%	\$15,120,000.00
Continge				40%	\$20,160,000.00
Total Co	st for Work at Location =				\$109,872,000.00
. Jean COS	ALTO: WORK OF FOCALION -				7103,072,000.00

State Project Number: 302-008 Town: Brookfield

Town: Brookfield Location: Route 133 From Mile Post: 2.51 To Mile Post: -

	Item	Unit	Unit Cost	Quantity	Amount	-	
Track							
	New track structure	mile	\$1,100,000		\$0.00		
	Realign track	mile	\$400,000		\$0.00		
	Excavation	C.Y.	\$220		\$0.00		
	Fill	C.Y.	\$190		\$0.00		
	Install turnout	each	\$100,000		\$0.00		
Traction	power						
	Catenary system	mile	\$1,000,000		\$0.00		
	Wayside substation	each	\$4,000,000		\$0.00		
	Supply substation	each	\$6,000,000		\$0.00		
	RTU	each	\$500,000		\$0.00		
Structure			200		280		
	U.G. Bridge (multi girder)	S.F.	\$2,500		\$0.00		
	U.G. Bridge (through girder)	S.F.	\$2,500	940	\$2,350,000.00		
	U.G. Bridge (through truss)	S.F.	\$6,000		\$0.00		
	O.H. Roadway Bridge	S.F.	\$600		\$0.00		
	Pedestrian Bridge (50')	each	\$400,000		\$0.00		
	Pedestrian Bridge (100')	each	\$480,000		\$0.00		
	Retaining wall	S.F.	\$140		\$0.00		
C&S							
	Install Signal system	mile	\$2,000,000		\$0.00		
	Relocate buried cables	L.F.	\$250		\$0.00		
	New at grade crossing	each	\$250,000		\$0.00		
	New approach circuit	each	\$15,000		\$0.00		
	Modify control center	each	\$2,000,000		\$0.00		
	Install cab signals	each	\$100,000		\$0.00		
Stations							
	High level platform	L.F.	\$17,500		\$0.00		
	Surface parking	space	\$10,000		\$0.00		
	Sidewalk	S.F.	\$40		\$0.00		
	Driveway	S.Y.	\$100		\$0.00		
Yard			91				
	Welfare building	S.F.	\$200		\$0.00		
Utilities	110						
			555.1				
	Relocate aerial FO cable	L.F.	\$100		\$0.00		
Roadway	rs		WARRIE ST				
	Relocate/raise 2 lane rural road	L.F.	\$400		\$0.00		
			March Statement		des		
	Relocate/raise I-84	L.F.	\$3,000		\$0.00		
Property	Acquisitions		West of the second		25.30		
	Taking	Acre	\$500,000		\$0.00		
	Construction Access	each	\$25,000		\$0.00		
Environn	nental Mitigation		38		\$0.00		
		L.S.	\$0			<u> </u>	
Subtotal Cost for Work at Location =					\$2,350,000.00		
Docian 9	Dormite			25%	¢507 500 00		
Design & Permits					\$587,500.00		
Incidentals				23%	\$540,500.00		
RR Protection				30%	\$705,000.00		
contange	Contingency 40% \$940,000.00						
Total Cos	t for Work at Location =		·		\$5,123,000.00		

Town: Brookfield Location: Farm Pass From Mile Post: 2.93 To Mile Post: -

Work Description: Fill in and remove existing UG bridge

	Item	Unit	Unit Cost	Quantity	Amount	
Track	100	200				
	New track structure	mile	\$1,100,000		\$0.00	
	Realign track	mile	\$400,000		\$0.00	
	Excavation	C.Y.	\$220		\$0.00	
	Fill	C.Y.	\$190	215	\$40,850.00	
	Install turnout	each	\$100,000		\$0.00	
Traction	power		324 a 1113 a 11 3 1 3 1 3 1			
	Catenary system	mile	\$1,000,000		\$0.00	
	Wayside substation	each	\$4,000,000		\$0.00	
	Supply substation	each	\$6,000,000		\$0.00	
	RTU	each	\$500,000		\$0.00	
Structur	The state of the s					
	U.G. Bridge (multi girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through truss)	S.F.	\$6,000		\$0.00	
	O.H. Roadway Bridge	S.F.	\$600		\$0.00	
	Pedestrian Bridge (50')	each	\$400,000		\$0.00	
	Pedestrian Bridge (100')	each	\$480,000		\$0.00	
	Retaining wall	S.F.	\$140		\$0.00	
C&S						
	Install Signal system	mile	\$2,000,000		\$0.00	
	Relocate buried cables	L.F.	\$250		\$0.00	
	New at grade crossing	each	\$250,000		\$0.00	
	New approach circuit	each	\$15,000		\$0.00	
	Modify control center	each	\$2,000,000		\$0.00	
ANTE DE CONTRACTOR DE CONTRACT	Install cab signals	each	\$100,000		\$0.00	
Stations						
	High level platform	L.F.	\$17,500		\$0.00	
	Surface parking	space	\$10,000		\$0.00	
	Sidewalk	S.F.	\$40		\$0.00	
	Driveway	S.Y.	\$100		\$0.00	
Yard		5 <u>0</u> 00 <u>0</u> 0	4		42000	
	Welfare building	S.F.	\$200		\$0.00	
Utilities						
			4			
	Relocate aerial FO cable	L.F.	\$100		\$0.00	
Roadwa			4400			
	Relocate/raise 2 lane rural road	L.F.	\$400		\$0.00	
	Delegate /miss 1 04	1.5	ć2.000		60.00	
Dronort	Relocate/raise I-84 Acquisitions	L.F.	\$3,000		\$0.00	
Property	Control Section Control Control Control	Acro	\$500,000		\$0.00	
	Taking Construction Access	Acre each	\$25,000		\$0.00 \$0.00	
Environr	nental Mitigation	cacii	\$25,000		\$0.00	
EHVITOHI	nental Witigation	L.S.	\$0		\$0.00	
Subtotal	Cost for Work at Location =	L.J.	70		\$40,850.00	
Junividi	COSE TO WORK AL LOCATION -				340,030.00	
Design S	k Permits			25%	\$10,212.50	
				23%	\$9,395.50	
Incidentals RR Protection				30%	\$12,255.00	
Continge				40%	\$12,255.00	
continge	sitey			4070	\$10,5 <del>4</del> 0.00	
	st for Work at Location =			l l	\$89,053.00	

Project: Danbury Branch Improvement Program State Project Number: 302-008 Town: Brookfield

Location: Old Middle Rd. From Mile Post: 6.11 To Mile Post: -

	Item	Unit	Unit Cost	Quantity	Amount	
Track					34,134,113	
TT GEN	New track structure	mile	\$1,100,000		\$0.00	
	Realign track	mile	\$400,000		\$0.00	
	Excavation	C.Y.	\$220		\$0.00	
	Fill	C.Y.	\$190		\$0.00	
	Install turnout	each	\$100,000		\$0.00	
Traction			420,000	t	7.00	
	Catenary system	mile	\$1,000,000		\$0.00	
	Wayside substation	each	\$4,000,000		\$0.00	
	Supply substation	each	\$6,000,000		\$0.00	
	RTU	each	\$500,000		\$0.00	
Structur	es					
	U.G. Bridge (multi girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through girder)	S.F.	\$2,500	630	\$1,575,000.00	
	U.G. Bridge (through truss)	S.F.	\$6,000		\$0.00	
	O.H. Roadway Bridge	S.F.	\$600		\$0.00	
	Pedestrian Bridge (50')	each	\$400,000		\$0.00	
	Pedestrian Bridge (100')	each	\$480,000		\$0.00	
	Retaining wall	S.F.	\$140		\$0.00	
C&S	ŭ					
	Install Signal system	mile	\$2,000,000		\$0.00	
	Relocate buried cables	L.F.	\$250		\$0.00	
	New at grade crossing	each	\$250,000		\$0.00	
	New approach circuit	each	\$15,000		\$0.00	
	Modify control center	each	\$2,000,000		\$0.00	
	Install cab signals	each	\$100,000		\$0.00	
Stations						
	High level platform	L.F.	\$17,500		\$0.00	
	Surface parking	space	\$10,000		\$0.00	
	Sidewalk	S.F.	\$40		\$0.00	
	Driveway	S.Y.	\$100		\$0.00	
Yard						
	Welfare building	S.F.	\$200		\$0.00	
Utilities						
					l	
	Relocate aerial FO cable	L.F.	\$100		\$0.00	
Roadwa	ys		0	10		
	Relocate/raise 2 lane rural road	L.F.	\$400		\$0.00	
			5000 HIV-10			
	Relocate/raise I-84	L.F.	\$3,000		\$0.00	
Property	/ Acquisitions		200	80		
	Taking	Acre	\$500,000		\$0.00	
	Construction Access	each	\$25,000		\$0.00	
Environr	mental Mitigation				\$0.00	
	***************************************	L.S.	\$0			
Subtotal	Cost for Work at Location =		\$1,575,000.00			
					20000	
	k Permits			25%	\$393,750.00	
Incidentals				23%	\$362,250.00	
RR Prote				30%	\$472,500.00	
Continge	ency			40%	\$630,000.00	
Total Co	st for Work at Location =				\$3,433,500.00	
. Otal CO	SE TOT VY OTK OF LOCATION -				93,733,300.00	

State Project Number: 302-008

Town: Brookfield Location: Still River From Mile Post: 8.95 To Mile Post: -

	Item	Unit	Unit Cost	Quantity	Amount	
Track						
	New track structure	mile	\$1,100,000		\$0.00	
	Realign track	mile	\$400,000		\$0.00	
	Excavation	C.Y.	\$220		\$0.00	
	Fill	C.Y.	\$190		\$0.00	
	Install turnout	each	\$100,000		\$0.00	
Traction	power					
	Catenary system	mile	\$1,000,000		\$0.00	
	Wayside substation	each	\$4,000,000		\$0.00	
	Supply substation	each	\$6,000,000		\$0.00	
	RTU	each	\$500,000		\$0.00	
Structur	es					
	U.G. Bridge (multi girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through girder)	S.F.	\$2,500	2184	\$5,460,000.00	
	U.G. Bridge (through truss)	S.F.	\$6,000		\$0.00	
	O.H. Roadway Bridge	S.F.	\$600		\$0.00	
	Pedestrian Bridge (50')	each	\$400,000		\$0.00	
	Pedestrian Bridge (100')	each	\$480,000		\$0.00	
	Retaining wall	S.F.	\$140		\$0.00	
C&S						
	Install Signal system	mile	\$2,000,000		\$0.00	
	Relocate buried cables	L.F.	\$250		\$0.00	
	New at grade crossing	each	\$250,000		\$0.00	
	New approach circuit	each	\$15,000		\$0.00	
	Modify control center	each	\$2,000,000		\$0.00	
	Install cab signals	each	\$100,000		\$0.00	
Stations						
	High level platform	L.F.	\$17,500		\$0.00	
	Surface parking	space	\$10,000		\$0.00	
	Sidewalk	S.F.	\$40		\$0.00	
	Driveway	S.Y.	\$100		\$0.00	
Yard						
	Welfare building	S.F.	\$200		\$0.00	
Utilities						
	Relocate aerial FO cable	L.F.	\$100		\$0.00	
Roadwa	ys					
	Relocate/raise 2 lane rural road	L.F.	\$400		\$0.00	
			26000000		100000000000000000000000000000000000000	
	Relocate/raise I-84	L.F.	\$3,000		\$0.00	
Property	/ Acquisitions		=			
	Taking	Acre	\$500,000		\$0.00	
	Construction Access	each	\$25,000		\$0.00	
Environr	mental Mitigation				\$0.00	
	TWO	L.S.	\$0		40 A	
Subtotal	Cost for Work at Location =				\$5,460,000.00	
Design 8	k Permits			25%	\$1,365,000.00	
Incident				23%	\$1,255,800.00	
RR Prote	ection			30%	\$1,638,000.00	
Continge				40%	\$2,184,000.00	
F-81	1.5%				12.920 12.	
Total Co	st for Work at Location =				\$11,902,800.00	

Town: New Milford Location: Housatonic Ave. From Mile Post: 11.66 To Mile Post: -

	ltem	Unit	Unit Cost	Quantity	Amount	
Track						
	New track structure	mile	\$1,100,000		\$0.00	
	Realign track	mile	\$400,000		\$0.00	
	Excavation	C.Y.	\$220		\$0.00	
	Fill	C.Y.	\$190		\$0.00	
	Install turnout	each	\$100,000		\$0.00	
Traction	power		V			
	Catenary system	mile	\$1,000,000		\$0.00	
	Wayside substation	each	\$4,000,000		\$0.00	
	Supply substation	each	\$6,000,000		\$0.00	
	RTU	each	\$500,000		\$0.00	
Structure	es					
	U.G. Bridge (multi girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through girder)	S.F.	\$2,500	738	\$1,845,000.00	
	U.G. Bridge (through truss)	S.F.	\$6,000		\$0.00	
	O.H. Roadway Bridge	S.F.	\$600		\$0.00	
	Pedestrian Bridge (50')	each	\$400,000		\$0.00	
	Pedestrian Bridge (100')	each	\$480,000		\$0.00	
	Retaining wall	S.F.	\$140		\$0.00	
C&S						
	Install Signal system	mile	\$2,000,000		\$0.00	
	Relocate buried cables	L.F.	\$250		\$0.00	
	New at grade crossing	each	\$250,000		\$0.00	
	New approach circuit	each	\$15,000		\$0.00	
	Modify control center	each	\$2,000,000		\$0.00	
	Install cab signals	each	\$100,000		\$0.00	
Stations						
	High level platform	L.F.	\$17,500		\$0.00	
	Surface parking	space	\$10,000		\$0.00	
	Sidewalk	S.F.	\$40		\$0.00	
	Driveway	S.Y.	\$100		\$0.00	
Yard						
	Welfare building	S.F.	\$200		\$0.00	
Utilities						
	Relocate aerial FO cable	L.F.	\$100		\$0.00	
Roadway	rs				3 2	
	Relocate/raise 2 lane rural road	L.F.	\$400		\$0.00	
					1. • 19. On A. VINGO	
	Relocate/raise I-84	L.F.	\$3,000		\$0.00	
Property	Acquisitions		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		A 50 (10 (10 (10 (10 (10 (10 (10 (10 (10 (1	
	Taking	Acre	\$500,000		\$0.00	
	Construction Access	each	\$25,000		\$0.00	
Environn	nental Mitigation				\$0.00	
	Section (1995) (1995) Section (1995)	L.S.	\$0		540400000	
Subtotal	Cost for Work at Location =				\$1,845,000.00	
	NO KNOWN TO SHOT OF THE DOCUMENT OF THE PARTY OF THE PART					
Design &	Permits			25%	\$461,250.00	
Design & Permits Incidentals					\$424,350.00	
RR Protection				23% 30%	\$553,500.00	
Contingency				40%	\$738,000.00	
	<b>-</b>			.370	Ţ. 55,555.00	

State Project Number: 302-008

Town: Norwalk Location: Cross St. From Mile Post: 1.65 To Mile Post: -

Work Description: Lengthen SB approach circuit to increase speed to 40 mph

	Item	Unit	Unit Cost	Quantity	Amount	
Track		-			_	
	New track structure	mile	\$1,100,000		\$0.00	
	Realign track	mile	\$400,000		\$0.00	
	Excavation	C.Y.	\$220		\$0.00	
	Fill	C.Y.	\$190		\$0.00	
	Install turnout	each	\$100,000		\$0.00	
Traction	* CONTRACTOR OF THE PROPERTY O		1/250 To Table 1/060 Hos			
	Catenary system	mile	\$1,000,000		\$0.00	
	Wayside substation	each	\$4,000,000		\$0.00	
	Supply substation	each	\$6,000,000		\$0.00	
	RTU	each	\$500,000		\$0.00	
Structure			4			
	U.G. Bridge (multi girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through truss)	S.F.	\$6,000		\$0.00	
	O.H. Roadway Bridge	S.F.	\$600		\$0.00	
	Pedestrian Bridge (50')	each	\$400,000		\$0.00	
	Pedestrian Bridge (100')	each	\$480,000		\$0.00	
60.6	Retaining wall	S.F.	\$140		\$0.00	
C&S		(1000011-1-100001			W = 8000C	
	Install Signal system	mile	\$2,000,000		\$0.00	
	Relocate buried cables	L.F.	\$250		\$0.00	
	New at grade crossing	each	\$250,000	93,11	\$0.00	
	New approach circuit	each	\$15,000	1	\$15,000.00	
	Modify control center	each	\$2,000,000		\$0.00	
	Install cab signals	each	\$100,000		\$0.00	
Stations						
	10.11.	10.00	4			
	High level platform	L.F.	\$17,500		\$0.00	
	Surface parking	space	\$10,000		\$0.00	
	Sidewalk	S.F.	\$40		\$0.00	
V I	Driveway	S.Y.	\$100		\$0.00	
Yard	M/-If bildi	6.5	ć200		60.00	
Utilities	Welfare building	S.F.	\$200		\$0.00	7
ounues						
	Relocate aerial FO cable	L.F.	\$100		\$0.00	
Roadway		L.F.	\$100		\$0.00	
noauw ay	Relocate/raise 2 lane rural road	L.F.	\$400		\$0.00	
	relocate/Talse Z latte rural road	L.F.	\$400		ŞU.UU	
	Relocate/raise I-84	L.F.	\$3,000		\$0.00	
Property	Acquisitions	Lili	\$3,000		Ç0.00	
. roperty	Taking	Acre	\$500,000		\$0.00	
	Construction Access	each	\$25,000		\$0.00	
Environm	nental Mitigation	5351,	<b>72</b> 0,000		\$0.00	
		L.S.	\$0		72.00	
Subtotal	Cost for Work at Location =		\$15,000.00			
Design &	Permits			25%	\$3,750.00	Y
Incidentals				23%	\$3,450.00	
RR Protection			30%	\$4,500.00		
Contingency				40%	\$6,000.00	
- FE	15h			<u> </u>	100 (MES)	
Total Cos	t for Work at Location =				\$32,700.00	

Town: Norwalk Location: Catherine St. From Mile Post: 2.05 To Mile Post: -

Work Description: Lengthen approach circuits to increase speed to 40 mph

	ltem	Unit	Unit Cost	Quantity	Amount	
Track						
	New track structure	mile	\$1,100,000		\$0.00	
	Realign track	mile	\$400,000		\$0.00	
	Excavation	C.Y.	\$220		\$0.00	
	Fill	C.Y.	\$190		\$0.00	
	Install turnout	each	\$100,000		\$0.00	
Traction	power					
	Catenary system	mile	\$1,000,000		\$0.00	
	Wayside substation	each	\$4,000,000		\$0.00	
	Supply substation	each	\$6,000,000		\$0.00	
	RTU	each	\$500,000		\$0.00	
Structur	es				î .	
	U.G. Bridge (multi girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through truss)	S.F.	\$6,000		\$0.00	
	O.H. Roadway Bridge	S.F.	\$600		\$0.00	
	Pedestrian Bridge (50')	each	\$400,000		\$0.00	
	Pedestrian Bridge (100')	each	\$480,000		\$0.00	
	Retaining wall	S.F.	\$140		\$0.00	
C&S			5 • No 201862			
	Install Signal system	mile	\$2,000,000		\$0.00	
	Relocate buried cables	L.F.	\$250		\$0.00	
	New at grade crossing	each	\$250,000		\$0.00	
	New approach circuit	each	\$15,000	2	\$30,000.00	
	Modify control center	each	\$2,000,000	_	\$0.00	
	Install cab signals	each	\$100,000		\$0.00	
Stations	•		, , , , , , , , , , , , , , , , , , , ,			
	High level platform	L.F.	\$17,500		\$0.00	
	Surface parking	space	\$10,000		\$0.00	
	Sidewalk	S.F.	\$40		\$0.00	
	Driveway	S.Y.	\$100		\$0.00	
Yard	1		· ·		,	
	Welfare building	S.F.	\$200		\$0.00	
Utilities		4470477	200000000000000000000000000000000000000			
	Relocate aerial FO cable	L.F.	\$100		\$0.00	
Roadwa	/s		*********		and the state of t	
	Relocate/raise 2 lane rural road	L.F.	\$400		\$0.00	
	,		*//2/2/2		1	
	Relocate/raise I-84	L.F.	\$3,000		\$0.00	
Property	Acquisitions		, , , , , , , , , , , , , , , , , , , ,			
	Taking	Acre	\$500,000		\$0.00	
	Construction Access	each	\$25,000		\$0.00	
Environ	mental Mitigation				\$0.00	
		L.S.	\$0		and introduction	
Subtotal Cost for Work at Location =					\$30,000.00	
					41 T. C. F. C. C. C. C. C.	
Design & Permits				25%	\$7,500.00	
Incidentals				23%	\$6,900.00	
RR Protection				30%	\$9,000.00	
Contingency				40%	\$12,000.00	
continge	,			4070	<b>912,000.00</b>	
Total Ca	st for Work at Location =				\$65,400.00	
i otal CO	SCIOI VIOIR AL LOCALIUII -				203,400.00	

Town: Norwalk

Location: New Cannan Ave. From Mile Post: 2.23 To Mile Post: -

Work Description: Lengthen approach circuits to increase speed to 40 mph

	Item	Unit	Unit Cost	Quantity	Amount	
Track		700			nes.	
	New track structure	mile	\$1,100,000		\$0.00	
	Realign track	mile	\$400,000		\$0.00	
	Excavation	C.Y.	\$220		\$0.00	
	Fill	C.Y.	\$190		\$0.00	
	Install turnout	each	\$100,000		\$0.00	
Traction						
	Catenary system	mile	\$1,000,000		\$0.00	
	Wayside substation	each	\$4,000,000		\$0.00	
	Supply substation	each	\$6,000,000		\$0.00	
	RTU	each	\$500,000		\$0.00	
Structure	MANAGEMENT OF THE PROPERTY OF	CLIC)				
	U.G. Bridge (multi girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through truss)	S.F.	\$6,000		\$0.00	
	O.H. Roadway Bridge	S.F.	\$600		\$0.00	
	Pedestrian Bridge (50')	each	\$400,000		\$0.00	
	Pedestrian Bridge (100')	each	\$480,000		\$0.00	
20.0	Retaining wall	S.F.	\$140		\$0.00	
C&S			400000000000000000000000000000000000000		74 S.	
	Install Signal system	mile	\$2,000,000		\$0.00	
	Relocate buried cables	L.F.	\$250		\$0.00	
	New at grade crossing	each	\$250,000	100	\$0.00	
	New approach circuit	each	\$15,000	2	\$30,000.00	
	Modify control center	each	\$2,000,000		\$0.00	
	Install cab signals	each	\$100,000		\$0.00	
Stations						
			4			
	High level platform	L.F.	\$17,500		\$0.00	
	Surface parking	space	\$10,000		\$0.00	
	Sidewalk	S.F.	\$40		\$0.00	
v 1	Driveway	S.Y.	\$100		\$0.00	
Yard	W/-If L :I-I:	6.5	6200		40.00	
Utilities	Welfare building	S.F.	\$200		\$0.00	
Utilities						
	Releasts social FO solds	1.5	6100		60.00	
D = = alors =	Relocate aerial FO cable	L.F.	\$100		\$0.00	
Roadway	King our contract our contract	1 =	6400		ć0.00	
	Relocate/raise 2 lane rural road	L.F.	\$400		\$0.00	
	Palocate/raise L 94	1 =	¢3 000		\$0.00	
Dropost	Relocate/raise I-84 Acquisitions	L.F.	\$3,000		\$0.00	
rroperty		Acro	\$500,000		\$0.00	
	Taking Construction Access	Acre each	\$25,000		\$0.00	
Environn	nental Mitigation	Catil	\$23,000		\$0.00	
FIIAILOIIII	icital ivilugation	L.S.	\$0		<b>30.00</b>	
Subtotal Cost for Work at Location =					\$30,000.00	
Subtotal	COSE TOT WOOR OF LOCALION -				<b>930,000.00</b>	
Design &	Permits			25%	\$7,500.00	
Design & Permits Incidentals				23%	\$6,900.00	
RR Protection				30%	\$9,000.00	
Contingency				40%	\$12,000.00	
Continge	ncy .			4070	\$12,000.00	
Total Cod	t for Work at Location =				\$65,400.00	
TOTAL COS	L TOT VVOIR AL LOCALIUT -				303,400.00	

Town: Norwalk Location: Broad St. From Mile Post: 2.56 To Mile Post: -

Work Description: Lengthen approach circuits to increase speed to 40 mph

	ltem	Unit	Unit Cost	Quantity	Amount	
Track						
	New track structure	mile	\$1,100,000		\$0.00	
	Realign track	mile	\$400,000		\$0.00	
	Excavation	C.Y.	\$220		\$0.00	
	Fill	C.Y.	\$190		\$0.00	
	Install turnout	each	\$100,000		\$0.00	
Traction	power					
	Catenary system	mile	\$1,000,000		\$0.00	
	Wayside substation	each	\$4,000,000		\$0.00	
	Supply substation	each	\$6,000,000		\$0.00	
	RTU	each	\$500,000		\$0.00	
Structure	es					
	U.G. Bridge (multi girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through truss)	S.F.	\$6,000		\$0.00	
	O.H. Roadway Bridge	S.F.	\$600		\$0.00	
	Pedestrian Bridge (50')	each	\$400,000		\$0.00	
	Pedestrian Bridge (100')	each	\$480,000		\$0.00	
	Retaining wall	S.F.	\$140		\$0.00	
C&S						
	Install Signal system	mile	\$2,000,000		\$0.00	
	Relocate buried cables	L.F.	\$250		\$0.00	
	New at grade crossing	each	\$250,000		\$0.00	
	New approach circuit	each	\$15,000	2	\$30,000.00	
	Modify control center	each	\$2,000,000		\$0.00	
	Install cab signals	each	\$100,000		\$0.00	
Stations	-				,	
	High level platform	L.F.	\$17,500		\$0.00	
	Surface parking	space	\$10,000		\$0.00	
	Sidewalk	S.F.	\$40		\$0.00	
	Driveway	S.Y.	\$100		\$0.00	
Yard						
	Welfare building	S.F.	\$200		\$0.00	
Utilities						
	Relocate aerial FO cable	L.F.	\$100		\$0.00	
Roadway	/s					
	Relocate/raise 2 lane rural road	L.F.	\$400		\$0.00	
			100 DAMAGE.		32.598.000.004	
	Relocate/raise I-84	L.F.	\$3,000		\$0.00	
Property	Acquisitions					
	Taking	Acre	\$500,000		\$0.00	
	Construction Access	each	\$25,000		\$0.00	
Environn	nental Mitigation		000		\$0.00	
	9mi	L.S.	\$0		WHENDON	
Subtotal Cost for Work at Location =					\$30,000.00	
Design &	Permits			25%	\$7,500.00	
Design & Permits Incidentals					\$6,900.00	
RR Protection				23% 30%	\$9,000.00	
RR Protection Contingency				40%	\$12,000.00	
continge	arcy .			4070	Ģ12,000.00	
Total Cos	st for Work at Location =				\$65,400.00	

State Project Number: 302-008

Town: Norwalk Location: Perry Ave. From Mile Post: 2.88 To Mile Post: -

Work Description: Lengthen approach circuits to increase speed to 50 mph

	Item	Unit	Unit Cost	Quantity	Amount	
Track						
	New track structure	mile	\$1,100,000		\$0.00	
	Realign track	mile	\$400,000		\$0.00	
	Excavation	C.Y.	\$220		\$0.00	
	Fill	C.Y.	\$190		\$0.00	
	Install turnout	each	\$100,000		\$0.00	
Traction	power					
	Catenary system	mile	\$1,000,000		\$0.00	
	Wayside substation	each	\$4,000,000		\$0.00	
	Supply substation	each	\$6,000,000		\$0.00	
	RTU	each	\$500,000		\$0.00	
Structur			View or computers			
	U.G. Bridge (multi girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through truss)	S.F.	\$6,000		\$0.00	
	O.H. Roadway Bridge	S.F.	\$600		\$0.00	
	Pedestrian Bridge (50')	each	\$400,000		\$0.00	
	Pedestrian Bridge (100')	each	\$480,000	1 1	\$0.00	
	Retaining wall	S.F.	\$140		\$0.00	
C&S						
	Install Signal system	mile	\$2,000,000	1 1	\$0.00	
	Relocate buried cables	L.F.	\$250		\$0.00	
	New at grade crossing	each	\$250,000		\$0.00	
	New approach circuit	each	\$15,000	2	\$30,000.00	
	Modify control center	each	\$2,000,000	1 1	\$0.00	
	Install cab signals	each	\$100,000		\$0.00	
Stations						
	All the second s		2000 COV-1			
	High level platform	L.F.	\$17,500		\$0.00	
	Surface parking	space	\$10,000		\$0.00	
	Sidewalk	S.F.	\$40		\$0.00	
	Driveway	S.Y.	\$100		\$0.00	
Yard					1 MAGAZINA 201 -	
	Welfare building	S.F.	\$200		\$0.00	
Utilities						
				1 1	182	
_	Relocate aerial FO cable	L.F.	\$100		\$0.00	
Roadwa	Marine and the companies of the companies and the companies of the compani	-2-2	4			
	Relocate/raise 2 lane rural roa	L.F.	\$400		\$0.00	
	Beleasts (raise 1.84	1.5	¢2.000		60.00	
D====+	Relocate/raise I-84	L.F.	\$3,000	<del>                                     </del>	\$0.00	
rroperty	/ Acquisitions	Ac==	\$500,000		\$0.00	
	Taking Construction Assess	Acre	\$500,000		\$0.00	
Englese	Construction Access mental Mitigation	each	\$25,000		\$0.00	
Environi	mental Mitigation	L.S.	\$0		\$0.00	
Cubtoto	Cost for Work at Location =	L.J.	\$0	1 1	\$20,000,00	
วนมเบเล	COST TOT MACHE OF FOCATION =				\$30,000.00	
Design S	& Permits			25%	\$7,500.00	
ncident				23%	\$6,900.00	
RR Prote				30%	\$9,000.00	
Conting				40%	\$12,000.00	
containg	circy			40/0	\$12,000.00	
	st for Work at Location =			1	\$65,400.00	

State Project Number: 302-008

Town: Bethel Location: Taylor Ave. From Mile Post: 20.44 To Mile Post: -

ltem	Unit	Unit Cost	Quantity	Amount	
Track					
New track structure	mile	\$1,100,000		\$0.00	
Realign track	mile	\$400,000		\$0.00	
Excavation	C.Y.	\$220		\$0.00	
Fill	C.Y.	\$190		\$0.00	
Install turnout	each	\$100,000		\$0.00	
Traction power	Cacii	\$100,000	1 1	50.00	
Catenary system	mile	\$1,000,000		\$0.00	
Wayside substation	each	\$4,000,000		\$0.00	
Supply substation	each	\$6,000,000		\$0.00	
RTU	each	\$500,000		\$0.00	
Structures	eacii	\$300,000		\$0.00	
U.G. Bridge (multi girder)	S.F.	\$2,500		\$0.00	
U.G. Bridge (through gird	25 mm	\$2,500		\$0.00	
U.G. Bridge (through trus		\$6,000		\$0.00	
	S.F.	\$6,000			
O.H. Roadway Bridge Pedestrian Bridge (50')	each	\$400,000		\$0.00 \$0.00	
Comment of the Commen	400	Marianeous Marianeous		A STATE OF THE STA	
Pedestrian Bridge (100')	each	\$480,000		\$0.00	
Retaining wall C&S	S.F.	\$140		\$0.00	
	0010	¢2 200 200		40.00	
Install Signal system	mile	\$2,000,000		\$0.00	
Relocate buried cables	L.F.	\$250		\$0.00	
New at grade crossing	each	\$250,000		\$0.00	
New approach circuit	each	\$15,000	1	\$15,000.00	
Modify control center	each	\$2,000,000		\$0.00	
Install cab signals	each	\$100,000		\$0.00	
Stations					
10.11	. =	447.500		*	
High level platform	L.F.	\$17,500		\$0.00	
Surface parking	space	\$10,000		\$0.00	
Sidewalk	S.F.	\$40		\$0.00	
Driveway	S.Y.	\$100		\$0.00	
Yard		4			
Welfare building	S.F.	\$200		\$0.00	
Utilities					
2   150   1		6400		44.40	
Relocate aerial FO cable	L.F.	\$100		\$0.00	
Roadways		6400		40.05	
Relocate/raise 2 lane rur	alroad L.F.	\$400		\$0.00	
Delegat - / 1 04		¢2.000		60.00	
Relocate/raise I-84	L.F.	\$3,000	+ +	\$0.00	
Property Acquisitions		ĆE00.000		60.00	
Taking	Acre	\$500,000		\$0.00	
Construction Access	each	\$25,000		\$0.00	
Environmental Mitigation	1.0	\$0		\$0.00	
Colorada Cartéra Mindreda de la Colorada de Cartéra Mindreda Mindreda de Cartéra Mindreda de Cartéra Mindreda de Cartéra Mindr	L.S.	J 50		£15.000.00	
Subtotal Cost for Work at Location	=			\$15,000.00	
Design & Permits			25%	\$3,750.00	
Incidentals		23%	\$3,450.00		
RR Protection		30%	\$4,500.00		
Contingency	40%	\$6,000.00			
embourements Andrews			1000 CM CM	atom to the state of the state	
Total Cost for Work at Location =				\$32,700.00	

State Project Number: 302-008

Town: Bethel Location: South St. From Mile Post: 20.52 To Mile Post: -

	ltem	Unit	Unit Cost	Quantity	Amount	
Track			West of the State of		8	
	New track structure	mile	\$1,100,000		\$0.00	
	Realign track	mile	\$400,000		\$0.00	
	Excavation	C.Y.	\$220		\$0.00	
	Fill	C.Y.	\$190		\$0.00	
<b>-</b>	Install turnout	each	\$100,000		\$0.00	
Traction	#0010000000000000000000000000000000000	mile	\$1,000,000		\$0.00	
	Catenary system		\$4,000,000			
	Wayside substation Supply substation	each	\$6,000,000		\$0.00	
	RTU	each each	\$5,000,000		\$0.00 \$0.00	
Structure		eacii	\$300,000		\$0.00	
Structure	U.G. Bridge (multi girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through truss)	S.F.	\$6,000		\$0.00	
	O.H. Roadway Bridge	S.F.	\$600		\$0.00	
	Pedestrian Bridge (50')	each	\$400,000		\$0.00	
l	Pedestrian Bridge (100')	each	\$480,000		\$0.00	
	Retaining wall	S.F.	\$140		\$0.00	
C&S			7=.0		+4.55	
25045009000	Install Signal system	mile	\$2,000,000		\$0.00	
	Relocate buried cables	L.F.	\$250		\$0.00	
	New at grade crossing	each	\$250,000		\$0.00	
	New approach circuit	each	\$15,000	1	\$15,000.00	
	Modify control center	each	\$2,000,000	7007	\$0.00	
	Install cab signals	each	\$100,000		\$0.00	
Stations						
	0.000000000000000000000000000000000000		1000000 Annual 2010 Ann		-00	
	High level platform	L.F.	\$17,500		\$0.00	
	Surface parking	space	\$10,000		\$0.00	
	Sidewalk	S.F.	\$40		\$0.00	
	Driveway	S.Y.	\$100		\$0.00	
Yard		-	4000			
Utilities	Welfare building	S.F.	\$200		\$0.00	
Utilities						
	Relocate aerial FO cable	1.5	\$100		\$0.00	
Roadway	TO BE CARE THE TABLE OF EACH PROPERTY AND ALTERNATIVE AND A STATE OF THE STATE OF T	L.F.	\$100		\$0.00	-
Noauw ay	Relocate/raise 2 lane rural road	L.F.	\$400		\$0.00	
	Relocate/Talse 2 latte rural road	Let e	3400		30.00	
l	Relocate/raise I-84	L.F.	\$3,000		\$0.00	
Property	Acquisitions		7-,		Ţ-100	
	Taking	Acre	\$500,000		\$0.00	
	Construction Access	each	\$25,000		\$0.00	
Environn	nental Mitigation				\$0.00	
		L.S.	\$0			
Subtotal	Subtotal Cost for Work at Location =				\$15,000.00	
Design &	Permits			25%	\$3,750.00	
and the second second				23%	\$3,750.00	
STATE OF THE PARTY	Incidentals			30%	\$4,500.00	
30 - FB	RR Protection Contingency			40%	\$4,500.00	
continge			40/0	Ç0,000.00		
Total Cos	t for Work at Location =				\$32,700.00	
7	70 C C C C C C C C C C C C C C C C C C C					

Town: Bethel

Location: Greenwood Ave. From Mile Post: 21.76 To Mile Post: -

	Item	Unit	Unit Cost	Quantity	Amount	
Track						
	New track structure	mile	\$1,100,000		\$0.00	
	Realign track	mile	\$400,000		\$0.00	
	Excavation	C.Y.	\$220		\$0.00	
	Fill	C.Y.	\$190		\$0.00	
	Install turnout	each	\$100,000		\$0.00	
Traction	power				*	
	Catenary system	mile	\$1,000,000		\$0.00	
	Wayside substation	each	\$4,000,000		\$0.00	
	Supply substation	each	\$6,000,000		\$0.00	
	RTU	each	\$500,000		\$0.00	
Structure	A CONTROL OF THE PROPERTY OF T					
	U.G. Bridge (multi girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through truss)	S.F.	\$6,000		\$0.00	
	O.H. Roadway Bridge	S.F.	\$600		\$0.00	
	Pedestrian Bridge (50')	each	\$400,000		\$0.00	
	Pedestrian Bridge (100')	each	\$480,000		\$0.00	
	Retaining wall	S.F.	\$140		\$0.00	
C&S						
	Install Signal system	mile	\$2,000,000		\$0.00	
	Relocate buried cables	L.F.	\$250		\$0.00	
	New at grade crossing	each	\$250,000		\$0.00	
	New approach circuit	each	\$15,000	1	\$15,000.00	
	Modify control center	each	\$2,000,000		\$0.00	
	Install cab signals	each	\$100,000		\$0.00	
Stations						
		*10000			- Aller	
	High level platform	L.F.	\$17,500		\$0.00	
	Surface parking	space	\$10,000		\$0.00	
	Sidewalk	S.F.	\$40		\$0.00	
	Driveway	S.Y.	\$100		\$0.00	
Yard		02 E3	1			
	Welfare building	S.F.	\$200		\$0.00	
Utilities						
	B 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		4400		40.00	
D = = d=	Relocate aerial FO cable	L.F.	\$100		\$0.00	
Roadway		0.6	\$400		60.00	
	Relocate/raise 2 lane rural road	L.F.	\$400		\$0.00	
	Relocate/raise I-84	L.F.	\$3,000		\$0.00	
Property	Acquisitions	Lil i	\$5,000	1	Ģ0.00	
opency	Taking	Acre	\$500,000		\$0.00	
	Construction Access	each	\$25,000		\$0.00	
Environn	nental Mitigation		¥/		\$0.00	
		L.S.	\$0		4	
Subtotal	Cost for Work at Location =		7.7		\$15,000.00	
					#25,530.00	
Design &	Permits			25%	\$3,750.00	
Incidenta				23%	\$3,450.00	
RR Prote				30%	\$4,500.00	
Continge				40%	\$6,000.00	
					+-/	
	st for Work at Location =				\$32,700.00	U .

Town: Danbury

Location: Great Pasture Rd. From Mile Post: 21.76 To Mile Post: -

	Item	Unit	Unit Cost	Quantity	Amount	
Track						
	New track structure	mile	\$1,100,000		\$0.00	
	Realign track	mile	\$400,000		\$0.00	
	Excavation	C.Y.	\$220		\$0.00	
	Fill	C.Y.	\$190		\$0.00	
	Install turnout	each	\$100,000		\$0.00	
Traction	power					
	Catenary system	mile	\$1,000,000		\$0.00	
	Wayside substation	each	\$4,000,000		\$0.00	
	Supply substation	each	\$6,000,000		\$0.00	
	RTU	each	\$500,000		\$0.00	
Structur	2 Control of the cont					
	U.G. Bridge (multi girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through truss)	S.F.	\$6,000		\$0.00	
	O.H. Roadway Bridge	S.F.	\$600		\$0.00	
	Pedestrian Bridge (50')	each	\$400,000		\$0.00	
	Pedestrian Bridge (100')	each	\$480,000		\$0.00	
	Retaining wall	S.F.	\$140		\$0.00	
C&S						
	Install Signal system	mile	\$2,000,000		\$0.00	
	Relocate buried cables	L.F.	\$250		\$0.00	
	New at grade crossing	each	\$250,000		\$0.00	
	New approach circuit	each	\$15,000	2	\$30,000.00	
	Modify control center	each	\$2,000,000		\$0.00	
	Install cab signals	each	\$100,000		\$0.00	
Stations						
		1.0			- December	
	High level platform	L.F.	\$17,500		\$0.00	
	Surface parking	space	\$10,000		\$0.00	
	Sidewalk	S.F.	\$40		\$0.00	
	Driveway	S.Y.	\$100		\$0.00	
Yard	WE IF THE PLANT	6.5	<b>4200</b>		40.00	
	Welfare building	S.F.	\$200		\$0.00	
Utilities						
	Delegate a solution and to		¢100		60.00	
n	Relocate aerial FO cable	L.F.	\$100		\$0.00	
Roadwa		1.6	\$400		60.00	
	Relocate/raise 2 lane rural road	L.F.	\$400		\$0.00	
	Relocate/raise I-84	L.F.	\$3,000		\$0.00	
Property	/ Acquisitions	LeCi	\$3,000		30.00	
, roperty	Taking	Acre	\$500,000		\$0.00	
	Construction Access	each	\$25,000		\$0.00	
Environ	mental Mitigation	GGGII	Q20,000		\$0.00	
		L.S.	\$0		90.00	
Subtotal	Cost for Work at Location =	,	, <del>,</del> ,		\$30,000.00	
Jubiola	- COSTION WORK OF LOCATION -				\$30,000.00	
Design 8	k Permits			25%	\$7,500.00	
Incident				23%	\$6,900.00	
RR Prote				30%	\$9,000.00	
Conting				40%	\$12,000.00	
				13/0	912,000.00	
	st for Work at Location =				3.0	

Town: Danbury Location: Shelter Rock Rd. From Mile Post: 22.21 To Mile Post: -

	Item	Unit	Unit Cost	Quantity	Amount	
Track		- 100m POR	100000010000000000000000000000000000000		SAN CHI (1997)	
	New track structure	mile	\$1,100,000		\$0.00	
	Realign track	mile	\$400,000		\$0.00	
	Excavation	C.Y.	\$220		\$0.00	
	Fill	C.Y.	\$190		\$0.00	
	Install turnout	each	\$100,000		\$0.00	
Traction	power	-50000 7600 1777			17	
	Catenary system	mile	\$1,000,000		\$0.00	
	Wayside substation	each	\$4,000,000		\$0.00	
	Supply substation	each	\$6,000,000		\$0.00	
	RTU	each	\$500,000		\$0.00	
Structure	es					
	U.G. Bridge (multi girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through truss)	S.F.	\$6,000		\$0.00	
	O.H. Roadway Bridge	S.F.	\$600		\$0.00	
	Pedestrian Bridge (50')	each	\$400,000		\$0.00	
	Pedestrian Bridge (100')	each	\$480,000		\$0.00	
	Retaining wall	S.F.	\$140		\$0.00	
C&S						
	Install Signal system	mile	\$2,000,000		\$0.00	
	Relocate buried cables	L.F.	\$250		\$0.00	
	New at grade crossing	each	\$250,000		\$0.00	
	New approach circuit	each	\$15,000	2	\$30,000.00	
	Modify control center	each	\$2,000,000		\$0.00	
	Install cab signals	each	\$100,000		\$0.00	
Stations	***					
	High level platform	L.F.	\$17,500		\$0.00	
	Surface parking	space	\$10,000		\$0.00	
	Sidewalk	S.F.	\$40		\$0.00	
	Driveway	S.Y.	\$100		\$0.00	
Yard			1100			
	Welfare building	S.F.	\$200		\$0.00	
Utilities						
	Relocate aerial FO cable	L.F.	\$100		\$0.00	
Roadwa	ys					-1
	Relocate/raise 2 lane rural road	L.F.	\$400		\$0.00	
	Relocate/raise I-84	L.F.	\$3,000		\$0.00	
Property	Acquisitions				ACCIONA NOTE:	
	Taking	Acre	\$500,000		\$0.00	
	Construction Access	each	\$25,000		\$0.00	
Environr	mental Mitigation		10		\$0.00	
		L.S.	\$0			
Subtotal	Cost for Work at Location =				\$30,000.00	
Design 8	k Permits			25%	\$7,500.00	
Incident				23%	\$6,900.00	
RR Prote				30%	\$9,000.00	
Continge				40%	\$12,000.00	
	Action (Inc.)			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Carrier of the section of the sectio	

State Project Number: 302-008

Town: Danbury Location: Triangle St. From Mile Post: 22.57 To Mile Post: -

	Item	Unit	Unit Cost	Quantity	Amount	
Track		riperi	10000			
	New track structure	mile	\$1,100,000		\$0.00	
	Realign track	mile	\$400,000		\$0.00	
	Excavation	C.Y.	\$220		\$0.00	
	Fill	C.Y.	\$190		\$0.00	
	Install turnout	each	\$100,000		\$0.00	
raction			7-10/310			
	Catenary system	mile	\$1,000,000		\$0.00	
	Wayside substation	each	\$4,000,000		\$0.00	
	Supply substation	each	\$6,000,000		\$0.00	
	RTU	each	\$500,000		\$0.00	
Structur	***************************************	cacii	\$300,000		Ş0.00	
ductui	U.G. Bridge (multi girder)	S.F.	\$2,500		\$0.00	
		S.F.	\$2,500			
	U.G. Bridge (through girder)				\$0.00	
	U.G. Bridge (through truss)	S.F.	\$6,000		\$0.00	
	O.H. Roadway Bridge	S.F.	\$600		\$0.00	
	Pedestrian Bridge (50')	each	\$400,000		\$0.00	
	Pedestrian Bridge (100')	each	\$480,000		\$0.00	
	Retaining wall	S.F.	\$140		\$0.00	
C&S						
	Install Signal system	mile	\$2,000,000		\$0.00	
	Relocate buried cables	L.F.	\$250		\$0.00	
	New at grade crossing	each	\$250,000		\$0.00	
	New approach circuit	each	\$15,000	1	\$15,000.00	
	Modify control center	each	\$2,000,000	7056	\$0.00	
	Install cab signals	each	\$100,000		\$0.00	
Stations						
	High level platform	L.F.	\$17,500		\$0.00	
	Surface parking	space	\$10,000		\$0.00	
	Sidewalk	S.F.	\$40		\$0.00	
	Driveway	S.Y.	\$100		\$0.00	
Yard						
	Welfare building	S.F.	\$200		\$0.00	
Utilities			4244		75.00	
	Relocate aerial FO cable	L.F.	\$100		\$0.00	
Roadwa	The state of the s					
	Relocate/raise 2 lane rural road	L.F.	\$400		\$0.00	
	Nelocate, raise 2 lane rarar road		<b>9400</b>		90.00	
	Relocate/raise I-84	L.F.	\$3,000		\$0.00	
Droperts	Acquisitions	Lili	\$5,000	+ +	Ş0.00	
riopeity	3//	A ===	¢500,000		¢0.00	
	Taking Construction Assess	Acre	\$500,000	1 1	\$0.00	
Fander-	Construction Access	each	\$25,000		\$0.00	
Environr	mental Mitigation	L.S.	\$0		\$0.00	
r L. 4	C-11-14-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	L.S.	\$0	<del>                                     </del>	645.000.00	
ountotal	Cost for Work at Location =				\$15,000.00	
Design 8	e Permits			25%	\$3,750.00	
100				23%	\$3,450.00	
Incidentals				30%	\$4,500.00	
RR Protection				5070	\$4,500.00	
				400/	66 000 00	
RR Prote Continge	ency			40%	\$6,000.00	

State Project Number: 302-008

Town: Danbury Location: Taylor St. From Mile Post: 22.57 To Mile Post: -

	ltem	Unit	Unit Cost	Quantity	Amount	Comments
Track	500	1884	Wa		-200	
	New track structure	mile	\$1,100,000		\$0.00	
	Realign track	mile	\$400,000		\$0.00	
	Excavation	C.Y.	\$220		\$0.00	
	Fill	C.Y.	\$190		\$0.00	
	Install turnout	each	\$100,000		\$0.00	1
Traction	power				***	1
	Catenary system	mile	\$1,000,000		\$0.00	
	Wayside substation	each	\$4,000,000		\$0.00	
	Supply substation	each	\$6,000,000		\$0.00	
	RTU	each	\$500,000		\$0.00	
Structur	res	0.000				
	U.G. Bridge (multi girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through truss)	S.F.	\$6,000		\$0.00	
	O.H. Roadway Bridge	S.F.	\$600		\$0.00	
	Pedestrian Bridge (50')	each	\$400,000		\$0.00	
	Pedestrian Bridge (100')	each	\$480,000		\$0.00	
	Retaining wall	S.F.	\$140		\$0.00	
C&S	Recalling wan	3.1 .	<b>Ş140</b>		30.00	
COLO	Install Signal system	mile	\$2,000,000		\$0.00	
	Relocate buried cables	L.F.	\$250		\$0.00	
	New at grade crossing	each	\$250,000		\$0.00	
	Carting to a control of the control	each	\$15,000	1		
	New approach circuit			1	\$15,000.00	
	Modify control center	each	\$2,000,000		\$0.00	
Stations	Install cab signals	each	\$100,000	<del></del>	\$0.00	+
Stations	•					
	High level platform	L.F.	\$17,500		\$0.00	
			\$10,000			
	Surface parking Sidewalk	space			\$0.00	
	77.77.77.77	S.F.	\$40 \$100		\$0.00	
Yard	Driveway	S.Y.	\$100		\$0.00	-
rard	Welfare building	S.F.	\$200		\$0.00	
Utilities		э.г.	\$200		\$0.00	+
Dunues				1 1		1
	Relocate aerial FO cable	L.F.	\$100	1 1	\$0.00	
Roadwa		L.1 .	\$100		30.00	+
	Relocate/raise 2 lane rural road	L.F.	\$400		\$0.00	
	Nelocate/Taise 2 lane Tural Toda	L-1 -	Ş <del>4</del> 00		Ç0.00	
	Relocate/raise I-84	L.F.	\$3,000		\$0.00	
Propert	y Acquisitions	L.1.	Ç3,000	<del>     </del>	90.00	1
Opeit	Taking	Acre	\$500,000		\$0.00	
	Construction Access	each	\$25,000		\$0.00	
Fnviron	mental Mitigation	Guerr	<b>\$25,000</b>	+	\$0.00	
	monda imagadori	L.S.	\$0		90.00	
Subtota	Cost for Work at Location =				\$15,000.00	
				0.50	An mr	
	& Permits			25%	\$3,750.00	I
Incident				23%	\$3,450.00	1
RR Prot				30%	\$4,500.00	1
Conting	ency			40%	\$6,000.00	
					A COURT OF THE PROPERTY OF THE	1
Total Co	st for Work at Location =				\$32,700.00	)

State Project Number: 302-008

Town: Danbury

Location: Maybrook & Berkshire

From Mile Post: 77.4 To Mile Post: 0.31

Work Description: Install signal system on Maybrook and Berkshire lines in Danbury. Also on 2 loop tracks at Danbury Yard MP

23.4 to 24.0 and renew Wildman St and Eagle Rd. at-grade crossings

e ch	\$1,100,000 \$400,000 \$220 \$190 \$100,000 \$1,000,000 \$4,000,000 \$6,000,000 \$500,000		\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	
le //. //. ch e ch ch ch =.	\$400,000 \$220 \$190 \$100,000 \$1,000,000 \$4,000,000 \$6,000,000 \$500,000		\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	
f. f. ch ch ch ch	\$220 \$190 \$100,000 \$1,000,000 \$4,000,000 \$6,000,000 \$500,000		\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	
e ch ch ch	\$190 \$100,000 \$1,000,000 \$4,000,000 \$6,000,000 \$500,000		\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	
e ch ch	\$100,000 \$1,000,000 \$4,000,000 \$6,000,000 \$500,000		\$0.00 \$0.00 \$0.00 \$0.00	
e ch ch ch	\$1,000,000 \$4,000,000 \$6,000,000 \$500,000		\$0.00 \$0.00 \$0.00	
ch ch ch =.	\$4,000,000 \$6,000,000 \$500,000		\$0.00 \$0.00	
ch ch ch =.	\$4,000,000 \$6,000,000 \$500,000		\$0.00 \$0.00	
:h :h :. :.	\$6,000,000 \$500,000		\$0.00	
:h :. :.	\$500,000			
	17847 4534444			
i. i.	72x		\$0.00	
i. i.	60 500			
	\$2,500		\$0.00	
	\$2,500		\$0.00	
	\$6,000		\$0.00	
	\$600		\$0.00	
h	\$400,000		\$0.00	
h	\$480,000		\$0.00	
	\$140		\$0.00	
le	\$2,000,000	6.7	\$13,400,000.00	
	\$2,000,000	0.7	\$0.00	
ch	\$250,000	2	\$500,000.00	
h	\$15,000		\$0.00	
ch	\$2,000,000		\$0.00	
:h	\$100,000		\$0.00	
	\$100,000		90.00	
	\$17,500		\$0.00	
ce	\$10,000		\$0.00	
	\$40		\$0.00	
<i>l</i> .	\$100		\$0.00	
			- Westers 1970	
•	\$200		\$0.00	
	6400		40.00	
	\$100		\$0.00	
	\$400		\$0.00	
•	\$400		\$0.00	
	\$3,000		\$0.00	
_	40,000		72	
re	\$500,000		\$0.00	
			100000000000000000000000000000000000000	
			\$0.00	
<b>.</b>	\$0		A for Parison Control	
			\$13,900,000.00	
		25%	\$3,475,000.00	
		40%		
-		-	\$30,302.000.00	
	=. =. re ebh	5. \$100 5. \$400 6. \$3,000 7. \$500,000 8. \$25,000	\$100 \$400 \$3,000 \$500,000 \$25,000 \$. \$0	\$100 \$0.0

State Project Number: 302-008

Town: Brookfield Location: Berkshire Line From Mile Post: 0.31 To Mile Post: 6.07

Work Description: Install signal system on Berkshire Line in Brookfield

	Item	Unit	Unit Cost	Quantity	Amount	
Track						
	New track structure	mile	\$1,100,000	1 1	\$0.00	
	Realign track	mile	\$400,000	1 1	\$0.00	
	Excavation	C.Y.	\$220	1 1	\$0.00	
	Fill	C.Y.	\$190	1 1	\$0.00	
	Install turnout	each	\$100,000	1 1	\$0.00	
Fraction		GGCII	<b>\$100,000</b>	1 1	Ç0100	
raction	Catenary system	mile	\$1,000,000	1 1	\$0.00	
	Wayside substation	each	\$4,000,000	1 1	\$0.00	
	Supply substation	each	\$6,000,000	1 1	\$0.00	
	RTU		\$5,000,000	1 1	\$0.00	
Structure	HICKORY.	each	\$500,000	1	\$0.00	
structure		6.5	ć2 F00	1 1	40.00	
	U.G. Bridge (multi girder)	S.F.	\$2,500	1 1	\$0.00	
	U.G. Bridge (through girder)	S.F.	\$2,500	1 1	\$0.00	
	U.G. Bridge (through truss)	S.F.	\$6,000	1 1	\$0.00	
	O.H. Roadway Bridge	S.F.	\$600	1 1	\$0.00	
	Pedestrian Bridge (50')	each	\$400,000	1 1	\$0.00	
	Pedestrian Bridge (100')	each	\$480,000	1 1	\$0.00	
	Retaining wall	S.F.	\$140		\$0.00	
C&S						
	Install Signal system	mile	\$2,000,000	5.76	\$11,520,000.00	
	Relocate buried cables	L.F.	\$250	C-Cameracc	\$0.00	
	New at grade crossing	each	\$250,000	1 1	\$0.00	
	New approach circuit	each	\$15,000	1 1	\$0.00	
	Modify control center	each	\$2,000,000	1 1	\$0.00	
	Install cab signals	each	\$100,000	1 1	\$0.00	
Stations		Guerr	φ100,000		Ç0.00	
				1 1		
	High level platform	L.F.	\$17,500	1 1	\$0.00	
	Surface parking	space	\$10,000	1 1	\$0.00	
	Sidewalk	S.F.	\$40	1 1	\$0.00	
	Driveway	S.Y.	\$100	1 1	\$0.00	
Yard	Direway	3.1.	Ş100	<del>                                     </del>	\$0.00	
laiu	Welfare building	S.F.	\$200	1 1	\$0.00	
Utilities	Wellare building	3. Г.	\$200	1	\$0.00	
ounues				1 1		
	5.1		6400	1 1		
	Relocate aerial FO cable	L.F.	\$100	-	\$0.00	
Roadwa		10.00	4.000		- No. 100 m	
	Relocate/raise 2 lane rural roa	L.F.	\$400	1 1	\$0.00	
	1000 LODG 100 - 200 LODG 100 - 100 LODG 100 - 100 LODG 100 LODG 100 LODG 100 LODG - 100 LODG 1			1 1	100000000000000000000000000000000000000	
	Relocate/raise I-84	L.F.	\$3,000		\$0.00	
Property	/ Acquisitions		and the second second		21	
	Taking	Acre	\$500,000		\$0.00	
	Construction Access	each	\$25,000		\$0.00	
Environn	mental Mitigation				\$0.00	
		L.S.	\$0			
Subtotal	Cost for Work at Location =				\$11,520,000.00	
Design &	k Permits			25%	\$2,880,000.00	
				23%	\$2,649,600.00	
Incidentals				30%	\$3,456,000.00	
	ection					
RR Prote				10000000		
				40%	\$4,608,000.00	

State Project Number: 302-008

Town: New Milford Location: Berkshire Line From Mile Post: 6.07 To Mile Post: 12.2

Work Description: Install signal system on Berkshire Line in New Milford and grade crossings (5) at MP 8.65, 10.69, 10.81, 11.01,

and 11.87

	ltem	Unit	Unit Cost	Quantity	Amount	
Track	the same of the sa	760	97.000 20 000 VANDA -		63ecresco	
	New track structure	mile	\$1,100,000		\$0.00	
	Realign track	mile	\$400,000	1	\$0.00	
	Excavation	C.Y.	\$220		\$0.00	
	Fill	C.Y.	\$190		\$0.00	
	Install turnout	each	\$100,000		\$0.00	
Traction	power		Name Address of Street	1 1		
	Catenary system	mile	\$1,000,000		\$0.00	
	Wayside substation	each	\$4,000,000		\$0.00	
	Supply substation	each	\$6,000,000		\$0.00	
	RTU	each	\$500,000		\$0.00	
Structur			2000			
	U.G. Bridge (multi girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through truss)	S.F.	\$6,000		\$0.00	
	O.H. Roadway Bridge	S.F.	\$600		\$0.00	
	Pedestrian Bridge (50')	each	\$400,000		\$0.00	
	Pedestrian Bridge (100')	each	\$480,000		\$0.00	
	Retaining wall	S.F.	\$140		\$0.00	
C&S					90	
	Install Signal system	mile	\$2,000,000	6.13	\$12,260,000.00	
	Relocate buried cables	L.F.	\$250	1	\$0.00	
	New at grade crossing	each	\$250,000	5	\$1,250,000.00	
	New approach circuit	each	\$15,000	1 1	\$0.00	
	Modify control center	each	\$2,000,000		\$0.00	
	Install cab signals	each	\$100,000		\$0.00	
Stations						
	A. 75 (1994 14)		641600000 WK 77			
	High level platform	L.F.	\$17,500	1	\$0.00	
	Surface parking	space	\$10,000		\$0.00	
	Sidewalk	S.F.	\$40		\$0.00	
	Driveway	S.Y.	\$100		\$0.00	
Yard						
	Welfare building	S.F.	\$200		\$0.00	
Utilities						
			1		6.955,000	
	Relocate aerial FO cable	L.F.	\$100		\$0.00	
Roadwa	•				SUMMER SCHOOL	
	Relocate/raise 2 lane rural road	L.F.	\$400		\$0.00	
		6127	40.000			
	Relocate/raise I-84	L,F,	\$3,000		\$0.00	
Property	y Acquisitions	Warran.	4444			
	Taking	Acre	\$500,000		\$0.00	
	Construction Access	each	\$25,000		\$0.00	
Environi	mental Mitigation	1.0	60		\$0.00	
		L.S.	\$0		***	
subtota	Cost for Work at Location =				\$13,510,000.00	
Design 8	& Permits			25%	\$3,377,500.00	
Incident				23%	\$3,107,300.00	
RR Prote				30%	\$4,053,000.00	
Conting	COUNTY OF THE PROPERTY OF THE			40%	\$5,404,000.00	
-2				1370	70,101,000.00	
	st for Work at Location =				\$29,451,800.00	

State Project Number: 302-008

Town: Various Location: HRRC From Mile Post: 77.4 To Mile Post: 12.2

Work Description: Modifications to HRRC control center

	Item	Unit	Unit Cost	Quantity	Amount	
Track						
	New track structure	mile	\$1,100,000		\$0.00	
	Realign track	mile	\$400,000		\$0.00	
	Excavation	C.Y.	\$220		\$0.00	
	Fill	C.Y.	\$190		\$0.00	
	Install turnout	each	\$100,000		\$0.00	
Traction			********		40.00	
	Catenary system	mile	\$1,000,000		\$0.00	
	Wayside substation	each	\$4,000,000		\$0.00	
	Supply substation	each	\$6,000,000		\$0.00	
	RTU	each	\$500,000		\$0.00	
Structure			40.500			
	U.G. Bridge (multi girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through truss)	S.F.	\$6,000		\$0.00	
	O.H. Roadway Bridge	S.F.	\$600		\$0.00	
	Pedestrian Bridge (50')	each	\$400,000		\$0.00	
	Pedestrian Bridge (100')	each	\$480,000		\$0.00	
50.5	Retaining wall	S.F.	\$140		\$0.00	
C&S	700 V - 11 - 2 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -					
	Install Signal system	mile	\$2,000,000		\$0.00	
	Relocate buried cables	L.F.	\$250		\$0.00	
	New at grade crossing	each	\$250,000		\$0.00	
	New approach circuit	each	\$15,000	100	\$0.00	
	Modify control center	each	\$2,000,000	1	\$2,000,000.00	
	Install cab signals	each	\$100,000		\$0.00	-
Stations						
	111-1-1-1-1-1		647 500		40.00	
	High level platform	L.F.	\$17,500		\$0.00	
	Surface parking	space	\$10,000		\$0.00	
	Sidewalk	S.F.	\$40 \$100		\$0.00	
Yard	Driveway	S.Y.	\$100		\$0.00	
Yard	Wolfers building	S.F.	\$200		¢0.00	
Utilities	Welfare building	5.F.	\$200	- 4	\$0.00	
ounties						
	Relocate aerial FO cable	L.F.	\$100		\$0.00	
Roadwa		L.F.	\$100	-	\$0.00	
noauw ay	Relocate/raise 2 lane rural road	L.F.	\$400		\$0.00	
	Relocate/Taise Z latie Tural road	L.F.	\$400		\$0.00	
	Relocate/raise I-84	L.F.	\$3,000		\$0.00	
Dropert	Acquisitions	Est e	\$3,000		30.00	
rioperty	Taking	Acre	\$500,000		\$0.00	
	Construction Access	each	\$25,000		\$0.00	
Environn	nental Mitigation	cacii	\$25,000	<del>                                     </del>	\$0.00	
Lavii Oili	nontal Hilagadoll	L.S.	\$0		Ş0.00	
Subtotal	Cost for Work at Location =	L.J.	70	<del>                                     </del>	\$2,000,000.00	
Junivial	COSE TOT WORK AL LOCALION =				\$2,000,000.00	
Design &	Permits			25%	\$500,000.00	
Incident				23%	\$460,000.00	
RR Prote				30%	\$600,000.00	
Continge				40%	\$800,000.00	
continge	cy			70/0	2000,000.00	

State Project Number: 302-008

Town: Various

Location: HRRC Locomotives

From Mile Post: -To Mile Post: -

Work Description: Install Cab signal equipment on HRRC locomotives

Item	Unit	Unit Cost	Quantity	Amount	
rack					
New track structure	mile	\$1,100,000	1	\$0.00	
Realign track	mile	\$400,000	1 1	\$0.00	
Excavation	C.Y.	\$220	1	\$0.00	
Fill	C.Y.	\$190	1	\$0.00	
Install turnout	each	\$100,000	1	\$0.00	
Fraction power	Guen	<b>\$100,000</b>		<b>V</b> 0.00	
Catenary system	mile	\$1,000,000	1	\$0.00	
Wayside substation	each	\$4,000,000	1	\$0.00	
Supply substation	each	\$6,000,000	1 1	\$0.00	
RTU	each	\$500,000	1	\$0.00	
Structures	Cacii	\$300,000	+	\$0.00	
U.G. Bridge (multi girder)	S.F.	\$2,500	1 1	\$0.00	
	63311		1		
U.G. Bridge (through girder)	S.F.	\$2,500	1	\$0.00	
U.G. Bridge (through truss)	S.F.	\$6,000	1 1	\$0.00	
O.H. Roadway Bridge	S.F.	\$600	1	\$0.00	
Pedestrian Bridge (50')	each	\$400,000		\$0.00	
Pedestrian Bridge (100')	each	\$480,000	1	\$0.00	
Retaining wall	S.F.	\$140		\$0.00	
C&S	2.000	704/2016/04/2017			
Install Signal system	mile	\$2,000,000	1 1	\$0.00	
Relocate buried cables	L.F.	\$250	1 1	\$0.00	
New at grade crossing	each	\$250,000	1	\$0.00	
New approach circuit	each	\$15,000	1 1	\$0.00	
Modify control center	each	\$2,000,000	1 1	\$0.00	
Install cab signals	each	\$100,000	5	\$500,000.00	
Stations					
			1 1		
High level platform	L.F.	\$17,500	1	\$0.00	
Surface parking	space	\$10,000	1 1	\$0.00	
Sidewalk	S.F.	\$40	1	\$0.00	
Driveway	S.Y.	\$100	1	\$0.00	
Yard		7233	1 -	<b>**</b>	
Welfare building	S.F.	\$200	1 1	\$0.00	
Utilities	5.1.	\$200		90.00	
bundes			1 1		
Relocate aerial FO cable	L.F.	\$100	1 1	\$0.00	
Roadways	L.F.	\$100	+ +	\$0.00	
		6400		40.00	
Relocate/raise 2 lane rural road	L.F.	\$400	1	\$0.00	
		40.000	1 1	****	
Relocate/raise I-84	L.F.	\$3,000		\$0.00	
Property Acquisitions	o postani	2222000			
Taking	Acre	\$500,000		\$0.00	
Construction Access	each	\$25,000		\$0.00	
Environmental Mitigation	277-20	77.		\$0.00	
	L.S.	\$0		577 I	
Subtotal Cost for Work at Location =				\$500,000.00	
Design & Permits			25%	\$125,000.00	
Incidentals			23%	\$115,000.00	
RR Protection			30%	\$150,000.00	
Contingency			40%		
contingency			4076	\$200,000.00	
Total Cost for Work at Location =			1	\$1,090,000.00	
otal cost for work at Location -				71,050,000.00	

State Project Number: 302-008

Town: Norwalk Location: Merrit 7 From Mile Post: 3.58 To Mile Post: -

Work Description: Improvements to Merritt 7 Station including High level platform, pedestrian overpass to development on the east side of the tracks, and expanded surface parking

	ltem	Unit	Unit Cost	Quantity	Amount	
rack (						
	New track structure	mile	\$1,100,000	1 1	\$0.00	
	Realign track	mile	\$400,000	1 1	\$0.00	
	Excavation	C.Y.	\$220	1 1	\$0.00	
	Fill	C.Y.	\$190	1 1	\$0.00	
	Install turnout	each	\$100,000	1 1	\$0.00	
raction			7.000			
11	Catenary system	mile	\$1,000,000	1 1	\$0.00	
	Wayside substation	each	\$4,000,000	1 1	\$0.00	
	Supply substation	each	\$6,000,000	1 1	\$0.00	
	RTU	each	\$500,000	1 1	\$0.00	
Structure	100/00	Cacii	\$500,000	<del>                                     </del>	50.00	
Jucture	U.G. Bridge (multi girder)	S.F.	\$2,500	1 1	\$0.00	
		S.F.	The state of the s	1 1		
	U.G. Bridge (through girder)		\$2,500	1 1	\$0.00	
	U.G. Bridge (through truss)	S.F.	\$6,000	1 1	\$0.00	
	O.H. Roadway Bridge	S.F.	\$600	1 1	\$0.00	
	Pedestrian Bridge (50')	each	\$400,000	300	\$0.00	
	Pedestrian Bridge (100')	each	\$480,000	1	\$480,000.00	
2000	Retaining wall	S.F.	\$140		\$0.00	
C&S	AND THE PROPERTY OF THE PROPER		200000000000000000000000000000000000000			
	Install Signal system	mile	\$2,000,000	1 1	\$0.00	
	Relocate buried cables	L.F.	\$250	1 1	\$0.00	
	New at grade crossing	each	\$250,000	1 1	\$0.00	
	New approach circuit	each	\$15,000	1 1	\$0.00	
	Modify control center	each	\$2,000,000	1 1	\$0.00	
	Install cab signals	each	\$100,000		\$0.00	
Stations						
	Stair & Elevator tower	each	\$1,000,000	1	\$1,000,000	
	High level platform	L.F.	\$17,500	600	\$10,500,000.00	
	Surface parking	space	\$10,000	200	\$2,000,000.00	
	Sidewalk	S.F.	\$40	7760	\$310,400.00	
	Driveway	S.Y.	\$100	1,,00	\$0.00	
/ard	2		V-200			
i ui u	Welfare building	S.F.	\$200	1 1	\$0.00	
Utilities	vector of building	J.1.	9200	1	50.00	
Junucs				1 1		
	Relocate aerial FO cable	L.F.	\$100	1 1	\$0.00	
n		L.F.	\$100		30.00	
Roadway	NOTE AND THE PARTY OF THE PARTY	1.5	6400		60.00	
	Relocate/raise 2 lane rural road	L.F.	\$400		\$0.00	
	B-least facility 1 24		62.222		40.00	
	Relocate/raise I-84	L.F.	\$3,000	-	\$0.00	
Property	Acquisitions	s a transmission	4	350000		
	Taking	Acre	\$500,000	1.6	\$800,000.00	
	Construction Access	each	\$25,000		\$0.00	
Environn	nental Mitigation				\$0.00	
	0000	L.S.	\$0			
Subtotal	Cost for Work at Location =				\$15,090,400.00	
Decian D	Permits			25%	\$3,772,600.00	
					\$3,470,792.00	
				23%		
ncidenta						
ncidenta RR Prote Continge				30% 40%	\$4,527,120.00 \$6,036,160.00	

Town: Wilton Location: Cannondale From Mile Post: 8.85 To Mile Post: -

Work Description: Lengthen Platform and add 50 parking spaces

	Item	Unit	Unit Cost	Quantity	Amount	
Track						
	New track structure	mile	\$1,100,000	1 1	\$0.00	
	Realign track	mile	\$400,000	1 1	\$0.00	
	Excavation	C.Y.	\$220	1 1	\$0.00	
	Fill	C.Y.	\$190	1 1	\$0.00	
	Install turnout	each	\$100,000	1 1	\$0.00	
Traction		eacii	\$100,000	<del>                                     </del>	50.00	
raction	***************************************	! -	¢1 000 000	1 1	¢0.00	
	Catenary system	mile	\$1,000,000	1 1	\$0.00	
	Wayside substation	each	\$4,000,000	1 1	\$0.00	
	Supply substation	each	\$6,000,000	1 1	\$0.00	
	RTU	each	\$500,000		\$0.00	
Structur	77 (Control of the Control of the Co		102200-000000		e of the system	
	U.G. Bridge (multi girder)	S.F.	\$2,500	1 1	\$0.00	
	U.G. Bridge (through girder)	S.F.	\$2,500	1 1	\$0.00	
	U.G. Bridge (through truss)	S.F.	\$6,000	1 1	\$0.00	
	O.H. Roadway Bridge	S.F.	\$600		\$0.00	
	Pedestrian Bridge (50')	each	\$400,000		\$0.00	
	Pedestrian Bridge (100')	each	\$480,000		\$0.00	
	Retaining wall	S.F.	\$140		\$0.00	
C&S			,		Triange	
	Install Signal system	mile	\$2,000,000		\$0.00	
	Relocate buried cables	L.F.	\$250	1 1	\$0.00	
	New at grade crossing	each	\$250,000	1 1	\$0.00	
				1 1		
	New approach circuit	each	\$15,000	1 1	\$0.00	
	Modify control center	each	\$2,000,000	1 1	\$0.00	
	Install cab signals	each	\$100,000	ļļ	\$0.00	
Stations						
					Name of the Control o	
	High level platform	L.F.	\$17,500	300	\$5,250,000.00	
	Surface parking	space	\$10,000	50	\$500,000.00	
	Sidewalk	S.F.	\$40		\$0.00	
	Driveway	S.Y.	\$100	78.0	\$0.00	
Yard						
	Welfare building	S.F.	\$200		\$0.00	
Utilities	1	725380011	7		300000	
				1 1		
	Relocate aerial FO cable	L.F.	\$100	1 1	\$0.00	
Roadwa			<b>V</b> 200		Ç0.00	
noauwa	Relocate/raise 2 lane rural road	L.F.	\$400	1 1	\$0.00	
	Relocate/Taise 2 latte Tural Toat	L.F.	\$400	1 1	\$0.00	
	Dalanta/raina L 04	1.5	¢2.000	1 1	¢0.00	
	Relocate/raise I-84	L.F.	\$3,000	<del>                                     </del>	\$0.00	
Property	/ Acquisitions	4			1000000000	
	Taking	Acre	\$500,000	0.57	\$285,000.00	
	Construction Access	each	\$25,000		\$0.00	
Environi	mental Mitigation		B	1 1	\$0.00	
		L.S.	\$0			
Subtota	Cost for Work at Location =				\$6,035,000.00	
Docian C	. Darmite			25%	\$1 500 750 00	
	k Permits				\$1,508,750.00	
Incident				23%	\$1,388,050.00	
RR Prote				30%	\$1,810,500.00	
Conting	ency			40%	\$2,414,000.00	
Conting						

Project: Danbury Branch Improvement Program State Project Number: 302-008 Town: Ridgefield

Location: Branchville From Mile Post: 12.65 To Mile Post: -

Work Description: Revise access and increase parking

	Item	Unit	Unit Cost	Quantity	Amount	
Track						
	New track structure	mile	\$1,100,000	1 1	\$0.00	
	Realign track	mile	\$400,000	1 1	\$0.00	
	Excavation	C.Y.	\$220	1 1	\$0.00	
	Fill	C.Y.	\$190	1 1	\$0.00	
	Install turnout	each	\$100,000	1 1	\$0.00	
Traction	power			-		
	Catenary system	mile	\$1,000,000	1 1	\$0.00	
	Wayside substation	each	\$4,000,000	1 1	\$0.00	
	Supply substation	each	\$6,000,000	1 1	\$0.00	
	RTU	each	\$500,000		\$0.00	
Structure	es					
	U.G. Bridge (multi girder)	S.F.	\$2,500	1 1	\$0.00	
	U.G. Bridge (through girder)	S.F.	\$2,500	1 1	\$0.00	
	U.G. Bridge (through truss)	S.F.	\$6,000	1 1	\$0.00	
	O.H. Roadway Bridge	S.F.	\$600	2500	\$1,500,000.00	
	Pedestrian Bridge (50')	each	\$400,000	1	\$400,000.00	
	Pedestrian Bridge (100')	each	\$480,000		\$0.00	
	Retaining wall	S.F.	\$140		\$0.00	
C&S	-				2.45.507.60	
	Install Signal system	mile	\$2,000,000	1 1	\$0.00	
	Relocate buried cables	L.F.	\$250	1 1	\$0.00	
	New at grade crossing	each	\$250,000	1	\$250,000.00	
	New approach circuit	each	\$15,000		\$0.00	
	Modify control center	each	\$2,000,000	1 1	\$0.00	
	Install cab signals	each	\$100,000	1 1	\$0.00	
Stations				1 1	-	
				1 1		
	High level platform	L.F.	\$17,500	1 1	\$0.00	
	Surface parking	space	\$10,000	50	\$500,000.00	
	Sidewalk	S.F.	\$40		\$0.00	
	Driveway	S.Y.	\$100	1 1	\$0.00	
Yard						
	Welfare building	S.F.	\$200	1 1	\$0.00	
Utilities			12323		330337MH	
				1 1		
	Relocate aerial FO cable	L.F.	\$100		\$0.00	
Roadway	s					
	Relocate/raise 2 lane rural road	L.F.	\$400	360	\$144,000.00	
			1,440			
	Relocate/raise I-84	L.F.	\$3,000		\$0.00	
Property	Acquisitions					
	Taking	Acre	\$500,000	1.09	\$545,000.00	
	Construction Access	each	\$25,000		\$0.00	
Environm	nental Mitigation				\$0.00	
		L.S.	\$0	1 1	1-00-00-00-00-00-00-00-00-00-00-00-00-00	
Subtotal	Cost for Work at Location =				\$3,339,000.00	
	A Decide the Control of the Control					
Design &	Permits			25%	\$834,750.00	
				23%	\$767,970.00	
ncidenta				100000000000000000000000000000000000000		
Incidenta RR Prote	ction			30%	\$1,001,700.00	
				30% 40%	\$1,001,700.00 \$1,335,600.00	

Town: Redding Location: Redding From Mile Post: 17.11 To Mile Post: -

Work Description: Add 75 parking spaces

j	Item	Unit	Unit Cost	Quantity	Amount	
Track	100	200	200 200 200 200 200		180	
	New track structure	mile	\$1,100,000	1 1	\$0.00	
	Realign track	mile	\$400,000	1 1	\$0.00	
	Excavation	C.Y.	\$220	1 1	\$0.00	
	Fill	C.Y.	\$190	1 1	\$0.00	
	Install turnout	each	\$100,000		\$0.00	
Traction	power					
	Catenary system	mile	\$1,000,000	1 1	\$0.00	
	Wayside substation	each	\$4,000,000	1 1	\$0.00	
	Supply substation	each	\$6,000,000	1 1	\$0.00	
	RTU	each	\$500,000		\$0.00	
Structure	es					
	U.G. Bridge (multi girder)	S.F.	\$2,500	1 1	\$0.00	
	U.G. Bridge (through girder)	S.F.	\$2,500	1 1	\$0.00	
	U.G. Bridge (through truss)	S.F.	\$6,000	1 1	\$0.00	
	O.H. Roadway Bridge	S.F.	\$600	1 1	\$0.00	
	Pedestrian Bridge (50')	each	\$400,000		\$0.00	l
	Pedestrian Bridge (100')	each	\$480,000		\$0.00	l
	Retaining wall	S.F.	\$140		\$0.00	
C&S			Axonin		- Tourist with	
	Install Signal system	mile	\$2,000,000	1 1	\$0.00	
	Relocate buried cables	L.F.	\$250	I	\$0.00	
	New at grade crossing	each	\$250,000	I	\$0.00	
	New approach circuit	each	\$15,000	1 1	\$0.00	
	Modify control center	each	\$2,000,000	1 1	\$0.00	
	Install cab signals	each	\$100,000	1 1	\$0.00	
Stations			,	1 1		
				I		
	High level platform	L.F.	\$17,500	1 1	\$0.00	
	Surface parking	space	\$10,000	75	\$750,000.00	
	Sidewalk	S.F.	\$40	10.25	\$0.00	
	Driveway	S.Y.	\$100		\$0.00	
Yard						
	Welfare building	S.F.	\$200		\$0.00	
Utilities					3000000	
			10	1 1		
	Relocate aerial FO cable	L.F.	\$100	I I	\$0.00	
Roadway	rs					
	Relocate/raise 2 lane rural road	L.F.	\$400		\$0.00	l
					nscound Ref. CO	l
	Relocate/raise I-84	L.F.	\$3,000		\$0.00	
Property	Acquisitions					
	Taking	Acre	\$500,000	0.70	\$350,000.00	l
	Construction Access	each	\$25,000		\$0.00	
Environn	nental Mitigation		and the second s		\$0.00	
	hannesses product (CAMPS) (AMPS) and Taylor (CAMPS)	L.S.	\$0		1000 NO. 100 N	
Subtotal	Cost for Work at Location =				\$1,100,000.00	
Design &	Permits			25%	\$275,000.00	
Incidenta				23%	\$253,000.00	
RR Prote				30%	\$330,000.00	l
Continge				40%	\$440,000.00	l
continge	arcy			4070	3 <del>44</del> 0,000.00	
Total Co	st for Work at Location =				\$2,398,000.00	1
. Juli COS	e for your de Location -				72,330,000.00	

Location: Bethel From Mile Post: 21 To Mile Post: -

Work Description: Add 160 parking spaces

	Item	Unit	Unit Cost	Quantity	Amount	
rack –			0 0 0			
	New track structure	mile	\$1,100,000	1 1	\$0.00	
	Realign track	mile	\$400,000	1 1	\$0.00	
	Excavation	C.Y.	\$220	1 1	\$0.00	
	Fill	C.Y.	\$190	1 1	\$0.00	
	Install turnout	each	\$100,000		\$0.00	
Fraction	power			1 T		
	Catenary system	mile	\$1,000,000	1 1	\$0.00	
	Wayside substation	each	\$4,000,000	1 1	\$0.00	
	Supply substation	each	\$6,000,000	1 1	\$0.00	
	RTU	each	\$500,000		\$0.00	
Structur	es					
	U.G. Bridge (multi girder)	S.F.	\$2,500	1 1	\$0.00	
	U.G. Bridge (through girder)	S.F.	\$2,500	1 1	\$0.00	
	U.G. Bridge (through truss)	S.F.	\$6,000	1 1	\$0.00	
	O.H. Roadway Bridge	S.F.	\$600	1 1	\$0.00	
	Pedestrian Bridge (50')	each	\$400,000	1 1	\$0.00	
	Pedestrian Bridge (100')	each	\$480,000		\$0.00	
	Retaining wall	S.F.	\$140		\$0.00	
C&S						
	Install Signal system	mile	\$2,000,000		\$0.00	
	Relocate buried cables	L.F.	\$250		\$0.00	
	New at grade crossing	each	\$250,000	1 1	\$0.00	
	New approach circuit	each	\$15,000	1 1	\$0.00	
	Modify control center	each	\$2,000,000	1 1	\$0.00	
	Install cab signals	each	\$100,000		\$0.00	
Stations						
				1 1		
	High level platform	L.F.	\$17,500	1 1	\$0.00	
	Surface parking	space	\$10,000	160	\$1,600,000.00	
	Sidewalk	S.F.	\$40		\$0.00	
	Driveway	S.Y.	\$100		\$0.00	
Yard						
	Welfare building	S.F.	\$200		\$0.00	
Utilities	H .					
				1 1		
	Relocate aerial FO cable	L.F.	\$100		\$0.00	
Roadwa	ys					
	Relocate/raise 2 lane rural road	L.F.	\$400	1 1	\$0.00	
				1 1		
	Relocate/raise I-84	L.F.	\$3,000		\$0.00	
Property	y Acquisitions				5.00	
	Taking	Acre	\$500,000		\$0.00	
	Construction Access	each	\$25,000		\$0.00	
Environi	mental Mitigation				\$0.00	
	1100	L.S.	\$0			
Subtota	Cost for Work at Location =				\$1,600,000.00	
Decian 9	& Permits			25%	\$400,000.00	
				2000 2000 2000		
Incident				23%	\$368,000.00	
RR Protection				30%	\$480,000.00	
P						
Conting	ency			40%	\$640,000.00	

State Project Number: 302-008

Town: Brookfield Location: Brookfield From Mile Post: 4.56 To Mile Post: -

Work Description: New platform, passing siding, parking and sidewalk to Route 202

	Item	Unit	Unit Cost	Quantity	Amount	
Track					Md-sagenawa anen-	
	New track structure	mile	\$1,100,000	0.54	\$597,083.33	
	Realign track	mile	\$400,000		\$0.00	
	Excavation	C.Y.	\$220		\$0.00	
	Fill	C.Y.	\$190	995	\$0.00	
	Install turnout	each	\$100,000	2	\$200,000.00	
Traction	· · · · · · · · · · · · · · · · · · ·	•	44 000 000			
	Catenary system	mile	\$1,000,000		\$0.00	
	Wayside substation	each	\$4,000,000		\$0.00	
	Supply substation	each	\$6,000,000		\$0.00	
	RTU	each	\$500,000		\$0.00	
Structure			60.500			
	U.G. Bridge (multi girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through truss)	S.F.	\$6,000		\$0.00	
	O.H. Roadway Bridge	S.F.	\$600		\$0.00	
	Pedestrian Bridge (50')	each	\$400,000	196	\$0.00	
	Pedestrian Bridge (100')	each	\$480,000	1	\$480,000.00	
CO C	Retaining wall	S.F.	\$140		\$0.00	
C&S			40.00		1000	
	Install Signal system	mile	\$2,000,000		\$0.00	
	Relocate buried cables	L.F.	\$250		\$0.00	
	New at grade crossing	each	\$250,000		\$0.00	
	New approach circuit	each	\$15,000		\$0.00	
	Modify control center	each	\$2,000,000		\$0.00	
· ·	Install cab signals	each	\$100,000		\$0.00	
Stations						
	High lovel platform	L.F.	\$17,500	400	\$7,000,000,00	
	High level platform			400	\$7,000,000.00	
	Surface parking	space	\$10,000	100	\$1,000,000.00	
	Sidewalk	S.F.	\$40 \$100	7620	\$304,800.00	
Yard	Driveway	S.Y.	\$100	35000	\$3,500,000.00	_
raru	Wolfers building	S.F.	\$200		\$0.00	
Utilities	Welfare building	э.г.	\$200		\$0.00	
ounties						
	Relocate aerial FO cable	L.F.	\$100		\$0.00	
Roadwa	COUNTY OF THE PROPERTY OF THE	L.F.	\$100		\$0.00	
noadwa	Relocate/raise 2 lane rural road	L.F.	\$400		\$0.00	
	Relocate/Taise 2 latte fullal foat	L.F.	Ş <del>4</del> 00		50.00	
	Relocate/raise I-84	L.F.	\$3,000		\$0.00	
Propert	Acquisitions	L.I.	<b>40,000</b>		90.00	
. roperty	Taking	Acre	\$500,000	1.14	\$570,000.00	
	Construction Access	each	\$25,000	4144	\$0.00	
Environ	mental Mitigation		7==,000		\$0.00	
		L.S.	\$0		*****	
Subtotal	Cost for Work at Location =				\$13,651,883.33	
Design 8	k Permits			25%	\$3,412,970.83	
Incident	als			23%	\$3,139,933.17	
RR Prote	ection			30%	\$4,095,565.00	
Continge	ency			40%	\$5,460,753.33	
T-4-1-C	-4 f 18f1, -4 f1				620 751 105 57	
rotal Co	st for Work at Location =				\$29,761,105.67	

State Project Number: 302-008

Town: New Milford Location: New Milford From Mile Post: 11.39 To Mile Post: -

Work Description: New platform with drop offs, passing siding, and parking

	Item	Unit	Unit Cost	Quantity	Amount	
Track						
	New track structure	mile	\$1,100,000	0.39	\$434,375.00	
	Realign track	mile	\$400,000	1 1	\$0.00	
	Excavation	C.Y.	\$220	1 1	\$0.00	
	Fill	C.Y.	\$190		\$0.00	
	Install turnout	each	\$100,000	2	\$200,000.00	
Traction	power					
	Catenary system	mile	\$1,000,000	1 1	\$0.00	
	Wayside substation	each	\$4,000,000	1 1	\$0.00	
	Supply substation	each	\$6,000,000	1 1	\$0.00	
	RTU	each	\$500,000		\$0.00	
Structur	es					
	U.G. Bridge (multi girder)	S.F.	\$2,500	1 1	\$0.00	
	U.G. Bridge (through girder)	S.F.	\$2,500	1 1	\$0.00	
	U.G. Bridge (through truss)	S.F.	\$6,000	1 1	\$0.00	
	O.H. Roadway Bridge	S.F.	\$600	1 1	\$0.00	
	Pedestrian Bridge (50')	each	\$400,000	1 1	\$0.00	
	Pedestrian Bridge (100')	each	\$480,000		\$0.00	
	Retaining wall	S.F.	\$140		\$0.00	
C&S						
	Install Signal system	mile	\$2,000,000	1 1	\$0.00	
	Relocate buried cables	L.F.	\$250	1 1	\$0.00	
	New at grade crossing	each	\$250,000	1 1	\$0.00	
	New approach circuit	each	\$15,000	1 1	\$0.00	
	Modify control center	each	\$2,000,000	1 1	\$0.00	
	Install cab signals	each	\$100,000		\$0.00	
Stations						
	A. 70 . 70				Maria Anna Anna Anna Anna Anna Anna Anna An	
	High level platform	L.F.	\$17,500	400	\$7,000,000.00	
	Surface parking	space	\$10,000	110	\$1,100,000.00	
	Sidewalk	S.F.	\$40	8500	\$340,000.00	
	Driveway	S.Y.	\$100	27900	\$2,790,000.00	
Yard		-			ALCOHOLD C	
	Welfare building	S.F.	\$200		\$0.00	
Utilities				1 1		
		2.2	1	1 1	12.20	
	Relocate aerial FO cable	L.F.	\$100	<b>-</b>	\$0.00	
Roadwa			6			
	Relocate/raise 2 lane rural road	L.F.	\$400		\$0.00	
	Balaneta/miss L 04	1.5	¢2.000		ć0.00	
D	Relocate/raise I-84	L,F,	\$3,000		\$0.00	
Property	y Acquisitions	A	¢500.000		61.450.000.00	
	Taking	Acre	\$500,000	2.9	\$1,450,000.00	
F	Construction Access	each	\$25,000	<b>+</b>	\$0.00	
Environi	mental Mitigation	1.0	ćo.		\$0.00	
	The desired state of the second state of the s	L.S.	\$0		442 244 277 77	
Subtota	Cost for Work at Location =				\$13,314,375.00	
Design 8	& Permits			25%	\$3,328,593.75	
Incident				23%	\$3,062,306.25	
RR Prote				30%	\$3,994,312.50	
Conting				40%	\$5,325,750.00	
1115					机装 多	
Total Co	st for Work at Location =				\$29,025,337.50	

State Project Number: 302-008

Town: Danbury Location: Existing Yard From Mile Post: 23.8 To Mile Post: -

Work Description: Modifications at Danbury yard

	Item	Unit	Unit Cost	Quantity	Amount	
Track						
	New track structure	mile	\$1,100,000	1.22	\$1,343,333.33	
	Realign track	mile	\$400,000		\$0.00	
	Excavation	C.Y.	\$220		\$0.00	
	Fill	C.Y.	\$190		\$0.00	
	Install turnout	each	\$100,000	7	\$700,000.00	
Traction			7200/000		, ,	
	Catenary system	mile	\$1,000,000	1.22	\$1,220,000.00	
	Wayside substation	each	\$4,000,000		\$0.00	
	Supply substation	each	\$6,000,000		\$0.00	
	RTU	each	\$500,000		\$0.00	
Structure		Cacii	\$300,000		30.00	
structure	The same of the sa	S.F.	\$2,500		\$0.00	
	U.G. Bridge (multi girder)					
	U.G. Bridge (through girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through truss)	S.F.	\$6,000		\$0.00	
	O.H. Roadway Bridge	S.F.	\$600		\$0.00	
	Pedestrian Bridge (50')	each	\$400,000		\$0.00	
	Pedestrian Bridge (100')	each	\$480,000		\$0.00	
To Letters	Retaining wall	S.F.	\$140		\$0.00	
C&S	ACRES 1988-144 - 11 497 - 11 498 - 11 4		TOTAL CONTROL DISTRICT		10 age 20 sanggar 2000 mg <sup>10</sup> aga a	
	Install Signal system	mile	\$2,000,000	0.5	\$1,000,000.00	
	Relocate buried cables	L.F.	\$250		\$0.00	
	New at grade crossing	each	\$250,000		\$0.00	
	New approach circuit	each	\$15,000		\$0.00	
	Modify control center	each	\$2,000,000		\$0.00	
	Install cab signals	each	\$100,000		\$0.00	
Stations						
	High level platform	L.F.	\$17,500		\$0.00	
	Surface parking	space	\$10,000		\$0.00	
	Sidewalk	S.F.	\$40		\$0.00	
	Driveway	S.Y.	\$100	3200	\$320,000.00	
Yard			*===		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
	Welfare building	S.F.	\$200	3000	\$600,000.00	
Utilities			7200	1000	<b>\$200,000.00</b>	
ounties						
	Relocate aerial FO cable	L.F.	\$100		\$0.00	
Roadway		L.F.	\$100	<b>+</b> + +	\$0.00	
r.oauw ay			£400		60.00	
	Relocate/raise 2 lane rural road	L.F.	\$400		\$0.00	
		2.2	4		75.00	
	Relocate/raise I-84	L.F.	\$3,000		\$0.00	
Property	Acquisitions	manage conse				
	Taking	Acre	\$500,000	0.92	\$460,000.00	
	Construction Access	each	\$25,000		\$0.00	
Environm	nental Mitigation		Page 1611		\$0.00	
		L.S.	\$0			
Subtotal	Cost for Work at Location =				\$5,643,333.33	
Design &	Darmite			25%	\$1,410,833.33	
Incidenta				23%	\$1,297,966.67	
RR Prote				30%	\$1,693,000.00	
Continge	ncy			40%	\$2,257,333.33	

State Project Number: 302-008 Town: New Milford Location: n/o Aspetuck Rd. From Mile Post: 12 To Mile Post: -

Work Description: New storage yard in New Milford

	Item	Unit	Unit Cost	Quantity	Amount	
Track		22.0				
	New track structure	mile	\$1,100,000	1.32	\$1,452,000.00	
	Realign track	mile	\$400,000		\$0.00	
	Excavation	C.Y.	\$220		\$0.00	
	Fill	C.Y.	\$190	4100	\$779,000.00	
	Install turnout	each	\$100,000	8	\$800,000.00	
Traction			7-2-7			
	Catenary system	mile	\$1,000,000		\$0.00	
	Wayside substation	each	\$4,000,000		\$0.00	
	Supply substation	each	\$6,000,000		\$0.00	
	RTU	each	\$500,000		\$0.00	
Structur	TI-VIVE COLO.	Cucii	\$200,000	<del>                                     </del>	90.00	
Judetai	U.G. Bridge (multi girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through girder)	S.F.	\$2,500		\$0.00	
	U.G. Bridge (through truss)	S.F.	\$6,000		\$0.00	
			1 P. 41 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
	O.H. Roadway Bridge	S.F.	\$600		\$0.00	
	Pedestrian Bridge (50')	each	\$400,000		\$0.00	
	Pedestrian Bridge (100')	each	\$480,000		\$0.00	
CO C	Retaining wall	S.F.	\$140		\$0.00	
C&S	La House	200	40.000.000		44 404 404	
	Install Signal system	mile	\$2,000,000	0.5	\$1,000,000.00	
	Relocate buried cables	L.F.	\$250		\$0.00	
	New at grade crossing	each	\$250,000		\$0.00	
	New approach circuit	each	\$15,000		\$0.00	
	Modify control center	each	\$2,000,000		\$0.00	
	Install cab signals	each	\$100,000		\$0.00	
Stations						
	Saturation to the same areas		2200		325 V V V V V V V	
	High level platform	L.F.	\$17,500		\$0.00	
	Surface parking	space	\$10,000		\$0.00	
	Sidewalk	S.F.	\$40		\$0.00	
	Driveway	S.Y.	\$100	9500	\$950,000.00	
Yard	WARRANG TO THE		- 1973 - March 1977		Mathematic Address of the mathematics of the second	
	Welfare building	S.F.	\$200	3000	\$600,000.00	
Utilities						
			54.4			
	Relocate aerial FO cable	L.F.	\$100		\$0.00	
Roadwa	ys					
	Relocate/raise 2 lane rural roac	L.F.	\$400		\$0.00	
			200-100-100		2000 C 100 C	
	Relocate/raise I-84	L.F.	\$3,000		\$0.00	
Property	/ Acquisitions					
•	Taking	Acre	\$500,000	7.7	\$3,850,000.00	
	Construction Access	each	\$25,000	***************************************	\$0.00	
Environ	mental Mitigation				\$0.00	
		L.S.	\$0			
Subtotal	Cost for Work at Location =				\$9,431,000.00	
Design 8	& Permits			25%	\$2,357,750.00	
Incident				23%	\$2,169,130.00	
RR Prote				30%	\$2,829,300.00	
Conting				40%	\$3,772,400.00	
COLLUING	circy			4076	93,772,400.00	

State Project Number: 302-008 Town: New Milford Location: n/o Aspetuck Rd. From Mile Post: 12 To Mile Post: -

Work Description: Electrification of new storage yard in New Milford

	Item	Unit	Unit Cost	Quantity	Amount	
Track		l jaren l	W-12-11-11			
	New track structure	mile	\$1,100,000	1 1	\$0.00	
	Realign track	mile	\$400,000	1 1	\$0.00	
	Excavation	C.Y.	\$220	1 1	\$0.00	
	Fill	C.Y.	\$190	1 1	\$0.00	
	Install turnout	each	\$100,000		\$0.00	
<b>Fraction</b>	The state of the s					
	Catenary system	mile	\$1,000,000	1.32	\$1,320,000.00	
	Wayside substation	each	\$4,000,000	1.02	\$0.00	
	Supply substation	each	\$6,000,000	1 1	\$0.00	
	RTU	each	\$500,000	l I	\$0.00	
Structure	22/02/	eacii	\$300,000	<del></del>	\$0.00	
Structure			ć2 F00	1 1	60.00	
	U.G. Bridge (multi girder)	S.F.	\$2,500	1 1	\$0.00	
	U.G. Bridge (through girder)	S.F.	\$2,500	1 1	\$0.00	
	U.G. Bridge (through truss)	S.F.	\$6,000	I	\$0.00	
	O.H. Roadway Bridge	S.F.	\$600	1 1	\$0.00	
	Pedestrian Bridge (50')	each	\$400,000	1 1	\$0.00	
	Pedestrian Bridge (100')	each	\$480,000	1 1	\$0.00	
	Retaining wall	S.F.	\$140		\$0.00	
C&S						
	Install Signal system	mile	\$2,000,000	I	\$0.00	
	Relocate buried cables	L.F.	\$250	I	\$0.00	
	New at grade crossing	each	\$250,000	1 1	\$0.00	
	New approach circuit	each	\$15,000	1 1	\$0.00	
	Modify control center	each	\$2,000,000	1 1	\$0.00	
	Install cab signals	each	\$100,000	l I	\$0.00	
Stations	ilistali cab signais	eacii	\$100,000	<del>                                     </del>	30.00	
Stations				1 1		
	High lavel whaterway	1.5	¢17 F00	I	<b>\$0.00</b>	
	High level platform	L.F.	\$17,500	1 1	\$0.00	
	Surface parking	space	\$10,000	1 1	\$0.00	
	Sidewalk	S.F.	\$40	I	\$0.00	
	Driveway	S.Y.	\$100		\$0.00	
Yard	William St. St. St. St. St.		32	1		
	Welfare building	S.F.	\$200		\$0.00	
Utilities						
				I		
	Relocate aerial FO cable	L.F.	\$100		\$0.00	
Roadway	/s					
	Relocate/raise 2 lane rural road	L.F.	\$400	I	\$0.00	
			1-200-100	I		
	Relocate/raise I-84	L.F.	\$3,000	I	\$0.00	
Property	Acquisitions		7-,		7.000	
roperty	Taking	Acre	\$500,000	I	\$0.00	
	Construction Access	each	\$25,000		\$0.00	
Fardesa		Cacii	\$25,000	+		
Environn	nental Mitigation	L.S.	ėo.	1 1	\$0.00	
r. L	C-Afrankia di Cari	L.3,	\$0	+ +	64 330 000 00	
subtotal	Cost for Work at Location =				\$1,320,000.00	
Decian P	Permits			25%	\$330,000.00	
1						
Incident				23%	\$303,600.00	
RR Prote				30%	\$396,000.00	
Continge	ency			40%	\$528,000.00	
Total Cos	st for Work at Location =				\$2,877,600.00	



## DANBURY BRANCH IMPROVEMENT PROGRAM TASK 7

STATE PROJECT 302-008



#### ENGINEERING EVALUATION OF ALTERNATIVES

For each Build Alternative, Table 7 itemizes major work elements and their estimated construction costs (2010\$). The costs shown do not include the percentage (118%) for engineering, railroad protection and contingency, nor do the costs equal the total estimate cost for an alternative

The capital cost estimates, including preparation methodology were presented earlier in this report. Unit costs for the various proposed work elements were developed for the present year (2010), based on the CTDOT's Preliminary Cost Estimating Guidelines (January 2010), recent bids for various projects on the New Haven Line, and estimates prepared for upcoming projects.

A comparison of the total capital costs for the alternatives including the construction, engineering, miscellaneous, are shown in Table 8. Percentages have been applied to estimate the costs of engineering and railroad protection services and for unknowns (contingency) at the present conceptual level of engineering. The values are based on past experience with railroad projects and discussion with CTDOT.

Table 7: Comparison of Major Work Elements for the Build Alternatives

	Alterna	ative C	Alterna	tive D -	Alterna	tive D -	Altern	ative E
			Die	esel	Elec	etric		
Work Type	Quantity	Cost (\$000)						
Track								
New track	4.5 miles	\$4,951	19.5 miles	\$21,447	19.5 miles	\$21,447	1.15 miles	\$1,261
Track shift	2.08 miles	\$831	0	0	0	0	0.78 miles	\$311
Turnouts	4 each	\$400	27 each	\$2,700	27 each	\$2,700	4 each	\$400
Cuts	69105 C.Y.	\$15,203	0	0	0	0	55480 C.Y.	\$12,206
Fills	22705 C.Y.	\$4,314	12845 C.Y.	\$2,441	12845 C.Y.	\$2,441	7930 C.Y.	\$1,507
Electrification								
Catenary	25 miles	\$24,746	NA	0	18.8 miles	\$18,809	8.07 miles	\$8,066
Substations	6 each	\$26,000	NA	0	3 each	\$14,000	2 each	\$8,000
RTUs	2 each	\$1,000	NA	0	0	0	1 each	\$500
Structures								
New/ Relocated UG Bridge	6 each	\$55,635	0	0	0	0	4	\$51,505
Rehabilitated UG Bridge	12 each	\$40,415	6 each	\$61,630	6	\$61,630	3	\$11,505
Pedestrian	2 each	\$880	1 each	\$480	1 each	\$480	1 each	\$480

D : 1	ı	<u> </u>	<u> </u>	I	1	1	Ī	I
Bridge								
Raise/Replace	1 each	\$3,516	0	0	7 each	\$35,626	0	0
OH Bridge								
Retaining	45444	\$6,362	0	0	0	0	15950	\$2,233
Wall	S.F.						S.F.	
C&S								
New Signal	0.78	\$1,560	19 miles	\$38,180	19 miles	\$38,180	1.33	\$ 2,233
System	miles						miles	
Relocate	9550	\$2,388	0	0	0	0	1550	\$388
Signal System	L.F.						L.F.	
New Grade	3	\$750	7 each	\$1,750	7 each	\$1,750	1 each	\$250
Crossing	crossings	,		, ,				
Control Ctr.	yes	\$2,000	yes	\$2,000	yes	\$2,000	yes	\$2,000
modifications	700	Ψ=,	700	ψ=,000	700	Ψ=,000	700	, , , , ,
Install Cab	0	0	5 HRRC	\$500	5 HRRC	\$500	0	0
Signals			locos	Ψοσο	locos	φοσσ		
<b>Stations</b>			10003		10003			
New Stations	0	0	2 New	\$23,985	2 New	\$23,985	0	0
New Stations	U	0	Stations	\$25,965	Stations	\$23,903	0	U
Station	5	\$22,730	0	0	0	0	1 New	\$12,810
	_	\$22,730	U	U	U	U		\$12,810
Upgrades	stations	T 1 1 1	210	T 1 1 1	210	T 1 1 1	Station	T 1 1 1
Addl. Parking	535	Included	210	Included	210	Included	200	Included
Yard	ı.	T		1			T	1
	Upgrade	Included	1 New	Included	1 New	Included	no	0
Utility Relocati	ion							
	yes	\$2,593	0	0	0	0	yes	\$2,243
Property								
Acquisitions	9.89	\$4,945	11.74	\$5,870	11.74	\$5,870	5.9 acres	\$2,950
	acres		Acres		Acres			
Construction	4 each	100	0	0	0	0	2	\$50
Easements								
	l	l	l	1	1	1	1	1

**Table 8: Comparison of Infrastructure Estimated Capital Costs for the Build Alternatives** 

	Alternative C	Alternative D – Diesel	Alternative D – Electric	Alternative E
Construction cost	\$185,278,587	161,582,725	230,018,519	110,373,541
Design & Permits 25%	46,319,647	40,395,681	57,504,630	27,593,385
Incidentals 23%	42,614,075	37,164,027	52,904,259	25,385,914
RR Protection 30%	55,583,576	48,474,818	69,005,556	33,112,062
Contingency 40%	74,111,435	64,633,090	92,007,408	44,149,416
<b>Total Capital Cost</b>	403,907,320	352,250,341	501,440,371	240,614,319